

Converting Colors

Decimal(12316415)

Have a look what the booklet for
Decimal(12316415) contains.

Decimal(12316415)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(12316415)

Conversions

Conversions Part 1

Format	Color
Hex	BBEEFF
RGB	187, 238, 255
RGB Percent	73%, 93%, 100%
CMY	0.2667, 0.0667, 0.0000
CMYK	0.27, 0.07, 0.00, 0.00
HSL	195°, 100%, 87%
HSV	195°, 27%, 100%
XYZ	69.1181, 78.9339, 106.2006
YIQ	224.6890, -35.8530, -5.5250

Conversions

Conversions Part 2

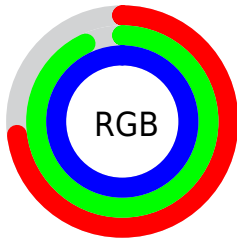
Format	Color
R _{YB}	187, 216, 255
Decimal	12316415
CIE _{Lab}	91.20, -12.46, -13.51
CIE _{LCh}	91, 18.377, 227.316
Yxy	78.9339, 0.2718, 0.3105
Android (android.graphics.Color)	4290506495 (0xFFBBEEFF)
YUV	224.6890, 14.9433, -33.0533
Hunter-Lab	88.8447, -16.6116, -8.6810

Details

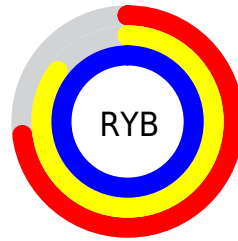
The Decimal color **12316415** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16764091**, and the grayscale version is **14803425**.

A 20% lighter version of the original color is **16056319**, and **8697542** is the 20% darker color. If you saturate the color by 10%, you get **10676479**, and if you desaturate by 10%, it is **13956351**.

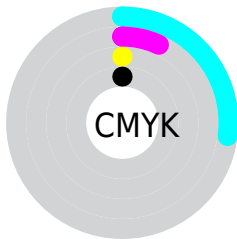
Distribution



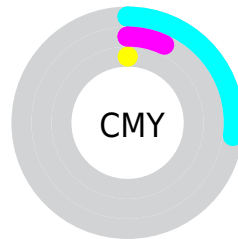
- Red (73%)
- Green (93%)
- Blue (100%)



- Red (73%)
- Yellow (85%)
- Blue (100%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12316415 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12316415 by changing the saturation by 10% instead.



■ 12316415

■ 12316415

■ 10676479

■ 13956351

■ 8970751

■ 15662079

■ 7265279

16777215

■ 5625087

■ 3919615

■ 2279679

■ 573951

■ 49151

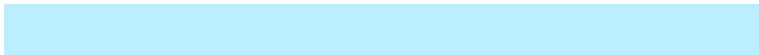
Harmonies

Analogous

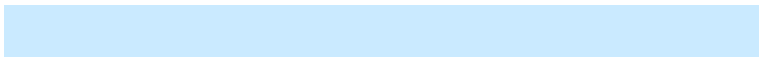
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12185840



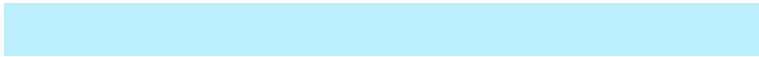
12316415



13298431

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12316415



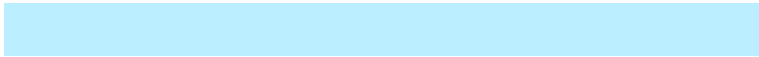
16767726



15329476

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12316415



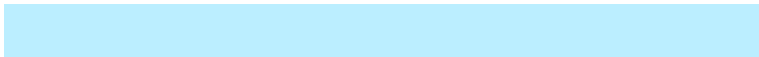
16764091

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16507588



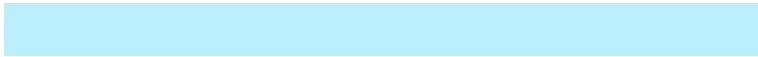
12316415



16767708

Square

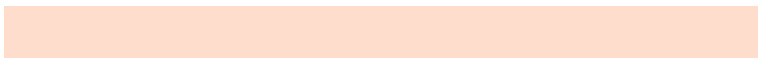
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



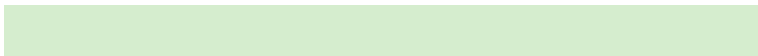
12316415



16113406



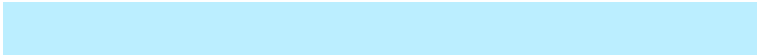
16768461



14020046

Rectangle

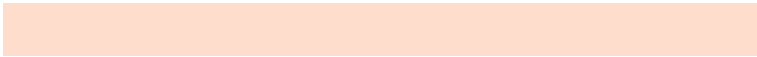
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



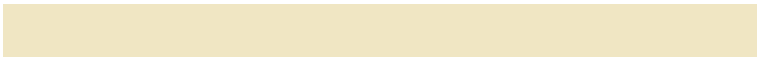
12316415



14214911



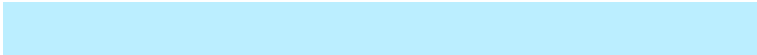
16768461



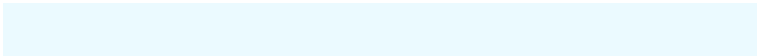
15787715

Sweetspot

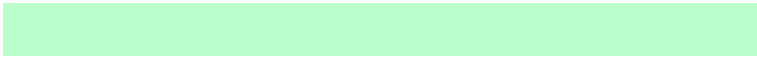
The Sweet Spot groups the original color and five complimentary colors.



12316415



15465215



12320716



7568512



0



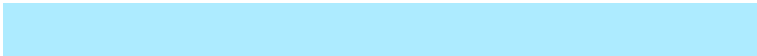
8421504

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12316415



11398143



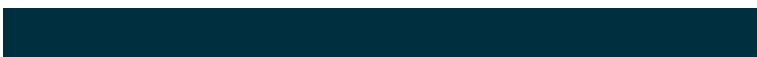
12307711



7568512



36799



12352

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16759790



16756203



16772795



8418172



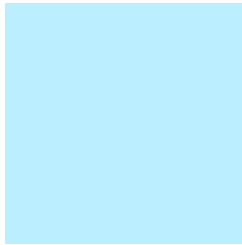
12517519



4194352

Previews

White Background



This preview shows how the Decimal color 12316415 looks on a white background.

Color Contrast Check

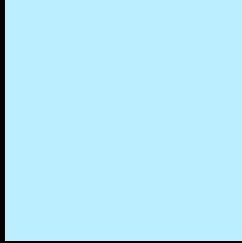
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 12316415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

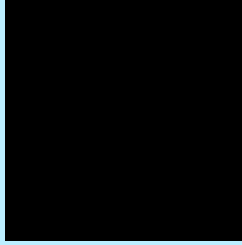
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 12316415 Background



This preview shows how black text looks on a background with the Decimal color 12316415.

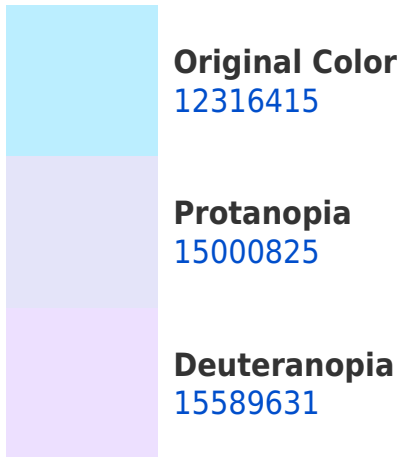


This preview shows how white text looks on a background with the Decimal color 12316415.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



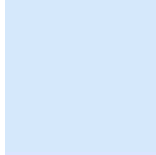


Tritanopia
12578303

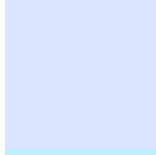
Trichromacy



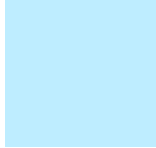
Original Color
12316415



Protanomaly
14018811

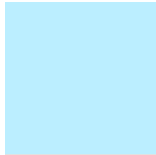


Deuteranomaly
14411263

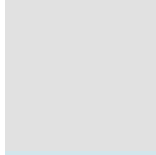


Tritanomaly
12512767

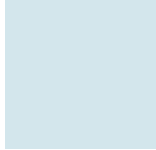
Monochromacy



Original Color
12316415



Achromatopsia
14803425



Achromatomaly
13887212

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12316415 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BBEEFF looks like.

```
.text, #text, p{  
    color:#BBEEFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BBEEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBEEFF
}
```

Border

The CSS property to change the border of an element to Decimal 12316415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BBEEFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BBEEFF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BBEEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBEEFF; -webkit-box-shadow:4px 4px  
4px 4px #BBEEFF; box-shadow:4px 4px 4px  
4px #BBEEFF }
```

Background

The CSS property to change the background color of an element to Decimal 12316415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBEEFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BBEEFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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