

Converting Colors

Decimal(11584225)

Have a look what the booklet for
Decimal(11584225) contains.

Decimal(11584225)	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(11584225)

Conversions

Conversions Part 1

Format	Color
Hex	B0C2E1
RGB	176, 194, 225
RGB Percent	69%, 76%, 88%
CMY	0.3098, 0.2392, 0.1176
CMYK	0.22, 0.14, 0.00, 0.12
HSL	218°, 45%, 79%
HSV	218°, 22%, 88%
XYZ	50.7869, 53.2499, 78.8357
YIQ	192.1520, -20.6790, 5.8250

Conversions

Conversions Part 2

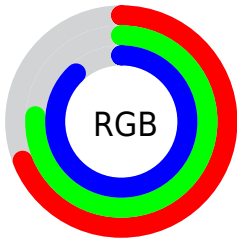
Format	Color
R_{YB}	176, 189, 225
Decimal	11584225
CIE _{Lab}	78.02, 0.47, -17.48
CIE _{LCh}	78, 17.490, 271.524
Yxy	53.2499, 0.2777, 0.2912
Android (android.graphics.Color)	4289774305 (0xFFB0C2E1)
YUV	192.1520, 16.1941, -14.1653
Hunter-Lab	72.9725, -3.4708, -12.9730

Details

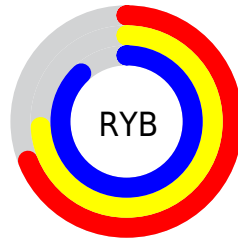
The Decimal color **11584225** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **14798768**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **15268607**, and **8097194** is the 20% darker color. If you saturate the color by 10%, you get **10138849**, and if you desaturate by 10%, it is **13095137**.

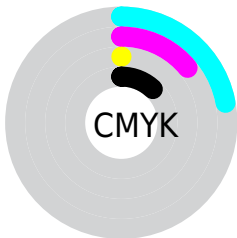
Distribution



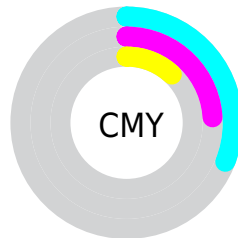
- Red (69%)
- Green (76%)
- Blue (88%)



- Red (69%)
- Yellow (74%)
- Blue (88%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (24%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11584225 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 11584225 by changing the saturation by 10% instead.



■ 11584225

■ 11584225

■ 10138849

■ 13095137

■ 8627937

■ 14540513

■ 7182305

■ 15986145

■ 5671393

■ 16776161

■ 4226017

■ 16777185

■ 2715105

■ 1269473

■ 21473

Harmonies

Analogous

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



10405853



11584225



12958941

Triad

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



11584225



14923697



11127217

Complementary

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



11584225



14798768

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.



12305829



11584225



14400421

Square

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



11584225



14792385



13484193



10209985

Rectangle

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



11584225



13810133



13484193



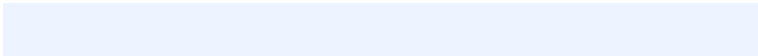
11520172

Sweetspot

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



11584225



15594751



11592142



7698816



0



8421504

Same Dimension

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



11584225



12441087



11972833



6646128



16816



4656

Inverse Universe

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



14790850



16760277



14410160



7365993



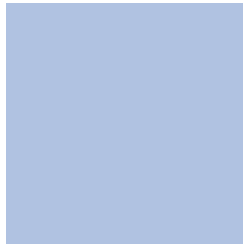
11534401



3145746

Previews

White Background



This preview shows how the Decimal color 11584225 looks on a white background.

Color Contrast Check

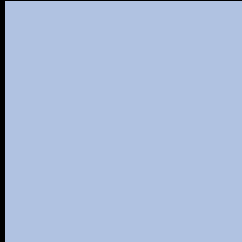
Large Text (above 18pt) WCAG AA × Fail

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 11584225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

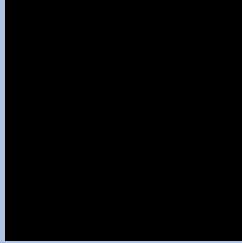
Any Text WCAG AA ✓ Pass

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 11584225 Background



This preview shows how black text looks on a background with the Decimal color 11584225.



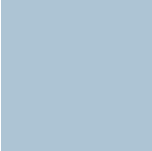
This preview shows how white text looks on a background with the Decimal color 11584225.

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
11388116

Trichromacy



Original Color
11584225

Protanomaly
12042464

Deuteranomaly
12369634

Tritanomaly
11453401

Monochromacy



Original Color
11584225

Achromatopsia
12632256

Achromatomaly
12239308

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11584225 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 #B0C2E1 looks like.

```
.text, #text, p{  
    color:#B0C2E1  
}
```

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 #B0C2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0C2E1
}
```

Border

The CSS property to change the border of an element to Decimal 11584225 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
#B0C2E1 }
```

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

```
.border{ border-color:#B0C2E1 }
```

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

Here you see how a box with a 4 pixel #B0C2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0C2E1; -webkit-box-shadow:4px 4px  
4px 4px #B0C2E1; box-shadow:4px 4px 4px  
4px #B0C2E1 }
```

Background

The CSS property to change the background color of an element to Decimal 11584225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0C2E1 }
```

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

```
.background{ background-color:#B0C2E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor