

Converting Colors

Decimal(13233649)

Have a look what the booklet for
Decimal(13233649) contains.

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Color

Decimal(13233649)

Conversions

Conversions Part 1

Format	Color
Hex	C9EDF1
RGB	201, 237, 241
RGB Percent	79%, 93%, 95%
CMY	0.2118, 0.0706, 0.0549
CMYK	0.17, 0.02, 0.00, 0.05
HSL	186°, 59%, 87%
HSV	186°, 17%, 95%
XYZ	70.2488, 79.3368, 94.8301
YIQ	226.6920, -22.7400, -6.3880

Conversions

Conversions Part 2

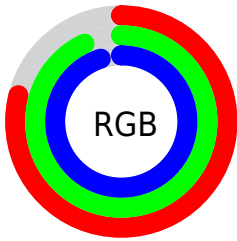
Format	Color
R_{YB}	201, 220, 241
Decimal	13233649
CIE _{Lab}	91.39, -10.80, -5.85
CIE _{LCh}	91, 12.286, 208.421
Yxy	79.3368, 0.2874, 0.3246
Android (android.graphics.Color)	4291423729 (0xFFC9EDF1)
YUV	226.6920, 7.0538, -22.5319
Hunter-Lab	89.0712, -15.0950, -0.7736

Details

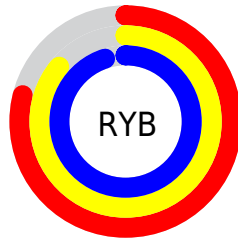
The Decimal color **13233649** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **15846857**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **16777215**, and **9614777** is the 20% darker color. If you saturate the color by 10%, you get **11660273**, and if you desaturate by 10%, it is **14807025**.

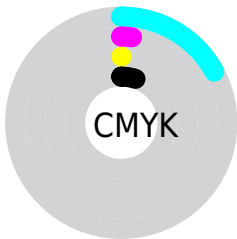
Distribution



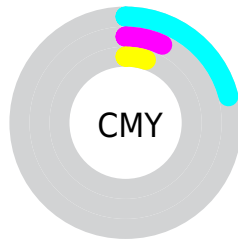
- Red (79%)
- Green (93%)
- Blue (95%)



- Red (79%)
- Yellow (86%)
- Blue (95%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (21%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13233649 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 13233649 by changing the saturation by 10% instead.

■ 13233649

16777215

■ 13233649

■ 11391445

■ 9614777

■ 7903902

■ 6258820




















■ 4613995

■ 3100499

■ 1521724

■ 8998

■ 2577

 13233649	 13233649
 11660273	 14807025
 10086641	 16380657
 8513265	 16774385
 6939633	 16775153
 5366257	 16775665
 3727345	 16776177
 2153713	 16776945
 580337	 16777201
 55793	

Harmonies

Analogous

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



13430245



13233649



13560826

Triad

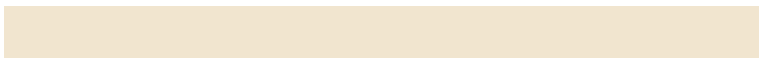
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13233649



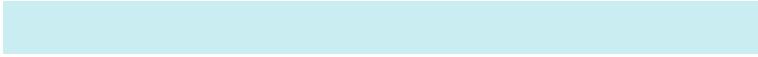
16113907



15853007

Complementary

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



13233649



15846857

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.



16507603



13233649



16703207

Square

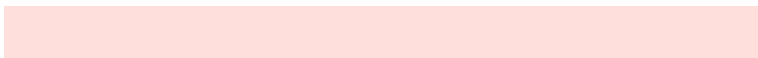
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



13233649



15262971



16768988



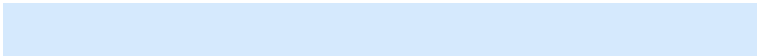
15002065

Rectangle

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



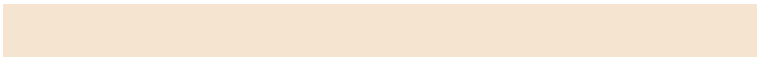
13233649



14019069



16768988



16114895

Sweetspot

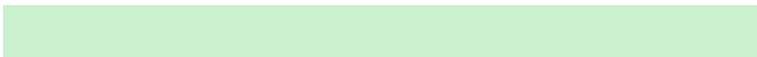
The Sweet Spot groups the original color and five complimentary colors.



13233649



15924991



13234637



7896960



0



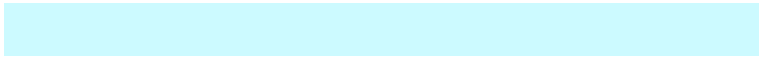
8421504

Same Dimension

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



13233649



13433599



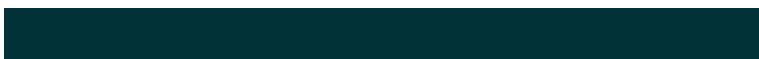
13228785



7108472



42424



12856

Inverse Universe

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



15845869



16764154



15851977



7892087



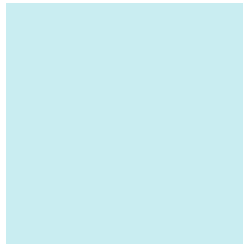
12058789



3670066

Previews

White Background



This preview shows how the Decimal color 13233649 looks on a white background.

Color Contrast Check

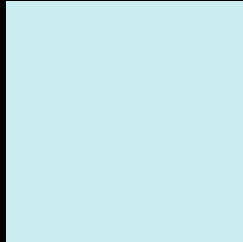
Large Text (above 18pt) WCAG AA × Fail

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 13233649 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 13233649 Background



This preview shows how black text looks on a background with the Decimal color 13233649.



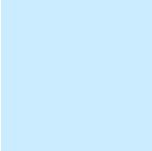
This preview shows how white text looks on a background with the Decimal color 13233649.

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](#).

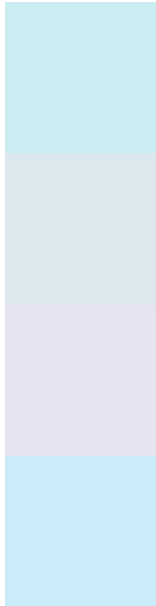
Dichromacy





Tritanopia
13364222

Trichromacy



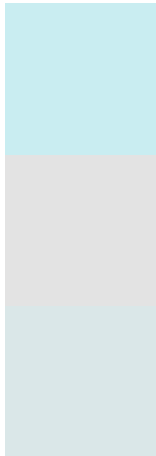
Original Color
13233649

Protanomaly
14543086

Deuteranomaly
15131891

Tritanomaly
13298937

Monochromacy



Original Color
13233649

Achromatopsia
14935011

Achromatomaly
14346216

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13233649 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 #C9EDF1 looks like.

```
.text, #text, p{  
    color:#C9EDF1  
}
```

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 #C9EDF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9EDF1
}
```

Border

The CSS property to change the border of an element to Decimal 13233649 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
#C9EDF1 }
```

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

```
.border{ border-color:#C9EDF1 }
```

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

Here you see how a box with a 4 pixel #C9EDF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9EDF1; -webkit-box-shadow:4px 4px  
4px 4px #C9EDF1; box-shadow:4px 4px 4px  
4px #C9EDF1 }
```

Background

The CSS property to change the background color of an element to Decimal 13233649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9EDF1 }
```

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

```
.background{ background-color:#C9EDF1 }
```

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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