

Converting Colors

Decimal(649206)

Have a look what the booklet for
Decimal(649206) contains.

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Color

Decimal(649206)

Conversions

Conversions Part 1

Format	Color
Hex	09E7F6
RGB	9, 231, 246
RGB Percent	4%, 91%, 96%
CMY	0.9647, 0.0941, 0.0353
CMYK	0.96, 0.06, 0.00, 0.04
HSL	184°, 93%, 50%
HSV	184°, 96%, 96%
XYZ	45.3231, 63.8637, 97.1269
YIQ	166.3320, -137.1270, -42.3990

Conversions

Conversions Part 2

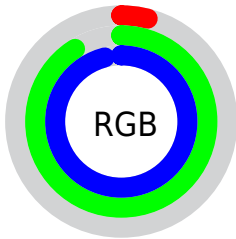
Format	Color
R_{YB}	9, 124, 246
Decimal	649206
CIE Lab	83.89, -39.95, -20.29
CIE LCh	84, 44.811, 206.928
Yxy	63.8637, 0.2197, 0.3095
Android (android.graphics.Color)	4278839286 (0xFF09E7F6)
YUV	166.3320, 39.2763, -137.9802
Hunter-Lab	79.9148, -38.6158, -16.1196

Details

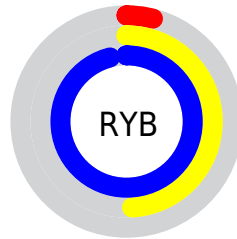
The Decimal color **649206** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light saturated cyan. A complement of this color would be **16128009**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **7798783**, and **44990** is the 20% darker color. If you saturate the color by 10%, you get **59126**, and if you desaturate by 10%, it is **2288118**.

Distribution



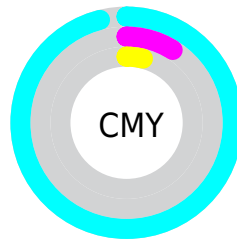
- Red (4%)
- Green (91%)
- Blue (96%)



- Red (4%)
- Yellow (49%)
- Blue (96%)



- Cyan (96%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)

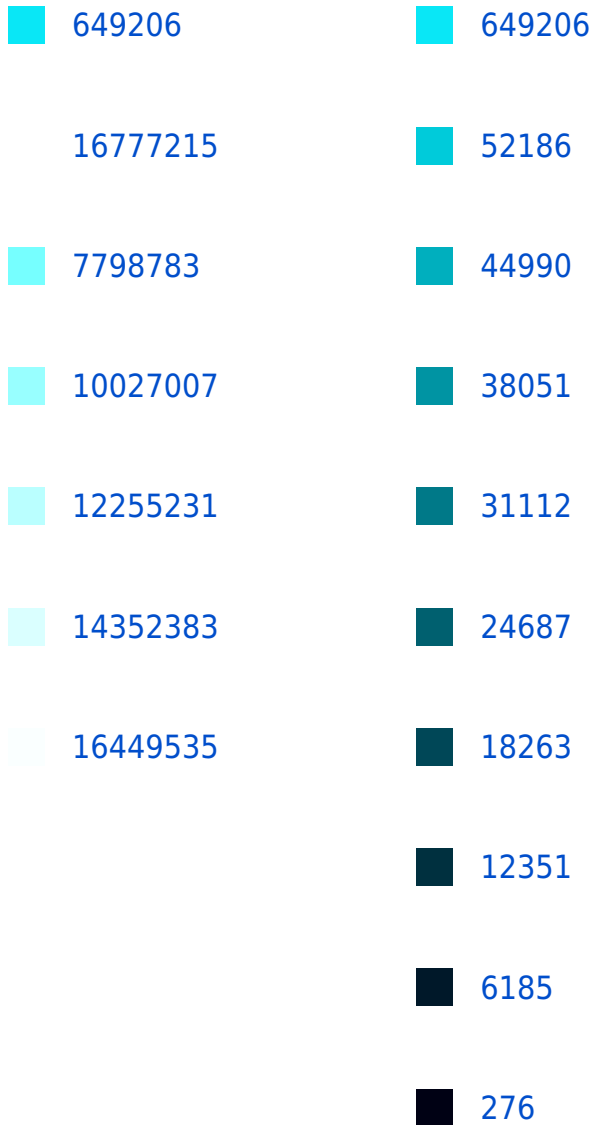


- Cyan (96%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 649206 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 649206 by changing the saturation by 10% instead.



■ 649206

■ 649206

■ 59126

■ 2288118

■ 3861238

■ 5500150

■ 7073270

■ 8712182

■ 10350838

■ 11924214

■ 13562870

■ 15136246

Harmonies

Analogous

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



5957579



649206



3858943

Triad

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



649206



16759295



15846780

Complementary

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



649206



16128009

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.



16760460



649206



16756951

Square

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



649206



13682943



16757677



13032068

Rectangle

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



649206



7527423



16757677



16631935

Sweetspot

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



649206



11926271



652821



5471616



0



8421504

Same Dimension

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



649206



61439



619766



7240314



44730



14139

Inverse Universe

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



16124391



16711919



16157449



8023674



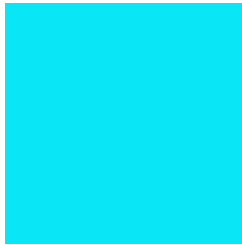
12189870



3866679

Previews

White Background



This preview shows how the Decimal color 649206 looks on a white background.

Color Contrast Check

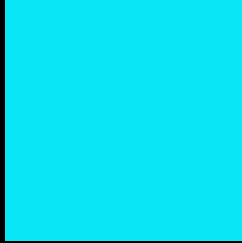
Large Text (above 18pt) WCAG AA × Fail

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 649206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

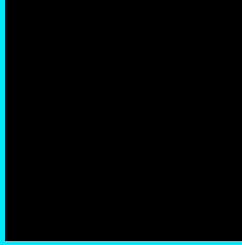
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

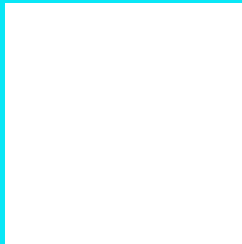
Any Text WCAG AAA ✓ Pass

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

Decimal 649206 Background



This preview shows how black text looks on a background with the Decimal color 649206.

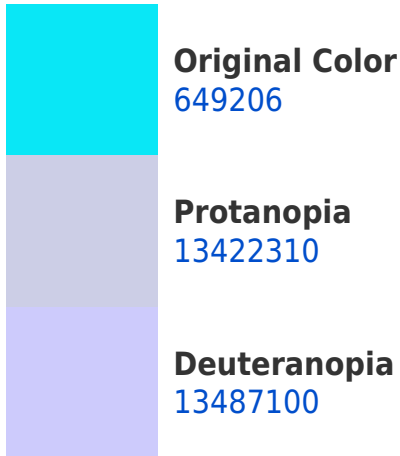


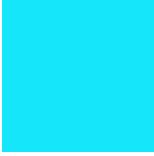
This preview shows how white text looks on a background with the Decimal color 649206.

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



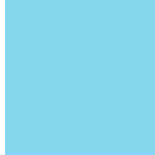


Tritanopia
1500921

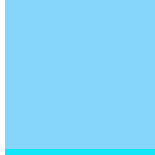
Trichromacy



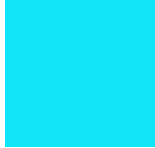
Original Color
649206



Protanomaly
8771564



Deuteranomaly
8836602

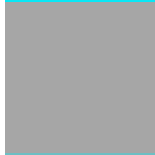


Tritanomaly
1173240

Monochromacy



Original Color
649206



Achromatopsia
10921638



Achromatomaly
7192259

CSS Examples

Text

The CSS property to change the color of the text to Decimal 649206 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 #09E7F6 looks like.

```
.text, #text, p{  
    color:#09E7F6  
}
```

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 #09E7F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09E7F6
}
```

Border

The CSS property to change the border of an element to Decimal 649206 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
#09E7F6 }
```

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

```
.border{ border-color:#09E7F6 }
```

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

Here you see how a box with a 4 pixel #09E7F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09E7F6; -webkit-box-shadow:4px 4px  
4px 4px #09E7F6; box-shadow:4px 4px 4px  
4px #09E7F6 }
```

Background

The CSS property to change the background color of an element to Decimal 649206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09E7F6 }
```

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

```
.background{ background-color:#09E7F6 }
```

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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