

Converting Colors

Decimal(6091469)

Have a look what the booklet for
Decimal(6091469) contains.

Decimal(6091469)	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(6091469)

Conversions

Conversions Part 1

Format	Color
Hex	5CF2CD
RGB	92, 242, 205
RGB Percent	36%, 95%, 80%
CMY	0.6392, 0.0510, 0.1961
CMYK	0.62, 0.00, 0.15, 0.05
HSL	165°, 85%, 65%
HSV	165°, 62%, 95%
XYZ	47.1852, 70.1874, 68.8182
YIQ	192.9320, -77.5230, -43.3070

Conversions

Conversions Part 2

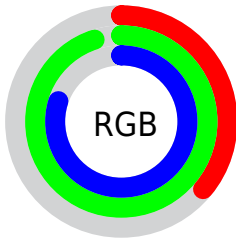
Format	Color
RYB	92, 178, 242
Decimal	6091469
CIELab	87.09, -48.44, 6.10
CIElCh	87, 48.824, 172.820
Yxy	70.1874, 0.2534, 0.3770
Android (android.graphics.Color)	4284281549 (0xFF5CF2CD)
YUV	192.9320, 5.9495, -88.5174
Hunter-Lab	83.7779, -46.0769, 9.9416

Details

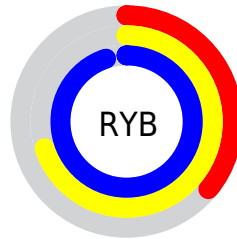
The Decimal color **6091469** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **15883393**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **10289151**, and **47511** is the 20% darker color. If you saturate the color by 10%, you get **4518599**, and if you desaturate by 10%, it is **7664339**.

Distribution



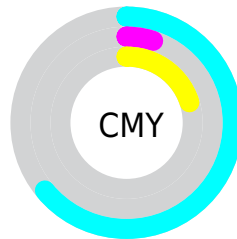
- Red (36%)
- Green (95%)
- Blue (80%)



- Red (36%)
- Yellow (70%)
- Blue (95%)



- Cyan (62%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)



- Cyan (64%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6091469 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 6091469 by changing the saturation by 10% instead.

6091469

6091469

16777215

3659186

10289151

47511

12255231

40317

14286847

33636

16318463

26956

20278

14112

8458

0

6091469

6091469

4518599

7664339

2945729

9237209

1307323

10875615

62134

12448485

14021355

15594225

16773879

16773885

16773887

Harmonies

Analogous

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



10415520



6091469



62205

Triad

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



6091469



13619967



16761746

Complementary

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



6091469



15883393

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.



16758713



6091469



16761343

Square

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



6091469



8315647



16758503



16766077

Rectangle

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



6091469



61439



16758503



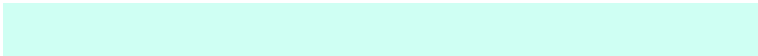
16760733

Sweetspot

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



6091469



13631475



8581724



6455416



0



8421504

Same Dimension

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



6091469



4390864



6081778



7108725



47242



14378

Inverse Universe

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



15883393



16728689



15893084



7892079



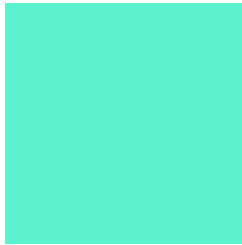
12058669



3670030

Previews

White Background



This preview shows how the Decimal color 6091469 looks on a white background.

Color Contrast Check

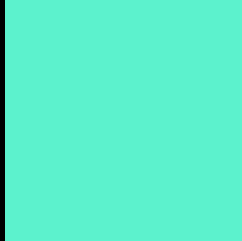
Large Text (above 18pt) WCAG AA × Fail

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 6091469 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 6091469 Background



This preview shows how black text looks on a background with the Decimal color 6091469.



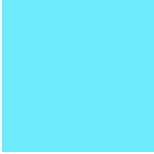
This preview shows how white text looks on a background with the Decimal color 6091469.

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
7334910

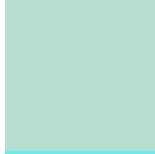
Trichromacy



Original Color
6091469



Protanomaly
11657668



Deuteranomaly
12246481

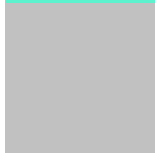


Tritanomaly
6876908

Monochromacy



Original Color
6091469



Achromatopsia
12698049



Achromatomaly
10277829

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6091469 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 #5CF2CD looks like.

```
.text, #text, p{  
    color:#5CF2CD  
}
```

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 #5CF2CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CF2CD
}
```

Border

The CSS property to change the border of an element to Decimal 6091469 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
#5CF2CD }
```

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

```
.border{ border-color:#5CF2CD }
```

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

Here you see how a box with a 4 pixel #5CF2CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CF2CD; -webkit-box-shadow:4px 4px  
4px 4px #5CF2CD; box-shadow:4px 4px 4px  
4px #5CF2CD }
```

Background

The CSS property to change the background color of an element to Decimal 6091469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CF2CD }
```

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

```
.background{ background-color:#5CF2CD }
```

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