

# Converting Colors

Decimal(6281717)

Have a look what the booklet for  
Decimal(6281717) contains.

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# **Color**

**Decimal(6281717)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FD9F5
RGB	95, 217, 245
RGB Percent	37%, 85%, 96%
CMY	0.6275, 0.1490, 0.0392
CMYK	0.61, 0.11, 0.00, 0.04
HSL	191°, 88%, 67%
HSV	191°, 61%, 96%
XYZ	46.0136, 58.6512, 95.2818
YIQ	183.7140, -81.7000, -17.1560

# Conversions

## Conversions Part 2

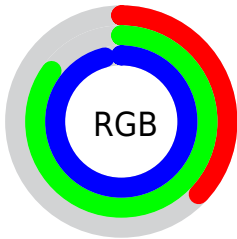
Format	Color
R <sub>Y</sub> B	95, 162, 245
Decimal	6281717
CIE Lab	81.10, -25.93, -23.89
CIE LCh	81, 35.255, 222.651
Yxy	58.6512, 0.2301, 0.2933
Android (android.graphics.Color)	4284471797 (0xFF5FD9F5)
YUV	183.7140, 30.2140, -77.8022
Hunter-Lab	76.5841, -26.7749, -20.1566

# Details

The Decimal color **6281717** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **16087903**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **10420223**, and **41661** is the 20% darker color. If you saturate the color by 10%, you get **4642037**, and if you desaturate by 10%, it is **7921397**.

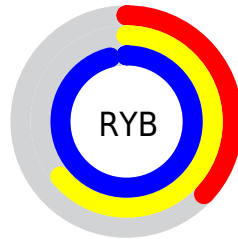
# Distribution



Red (37%)

Green (85%)

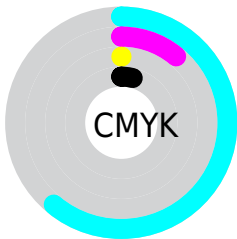
Blue (96%)



Red (37%)

Yellow (64%)

Blue (96%)

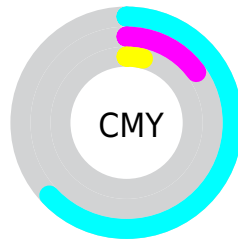


Cyan (61%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (15%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6281717 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 6281717 by changing the saturation by 10% instead.



6281717

6281717

16777215

3915225

10420223

41661

12451839

34722

14417919

28295

16449535

21870

15957

10046

2600

275

■ 6281717

■ 6281717

■ 4642037

■ 7921397

■ 3068149

■ 9495285

■ 1428469

■ 11134965

■ 51189

■ 12708853

■ 14348533

■ 15922421

■ 16775669

■ 16776949

■ 16777205

# Harmonies

## Analogous

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



6675671



6281717



8508159

# Triad

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



6281717



16692190



13814921

# Complementary

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



6281717



16087903

# 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.



15843723



6281717



16757180

# Square

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



6281717



14728442



16758430



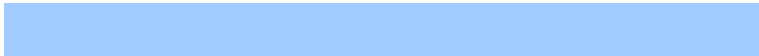
11457944

# Rectangle

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



6281717



10669311



16758430



14600327

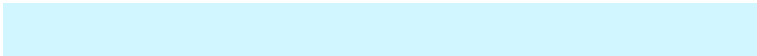


# Sweetspot

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



6281717



13760255



6288762



6519424



0



8421504



# Same Dimension

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



6281717



4578559



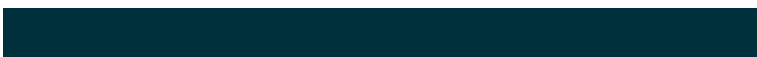
6262517



7239802



38842



12347



# Inverse Universe

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



16080857



16729564



16107103



8023672



12189847

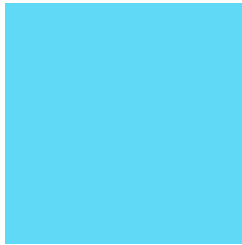


3866672



# Previews

## White Background



This preview shows how the Decimal color 6281717 looks on a white background.

## Color Contrast Check

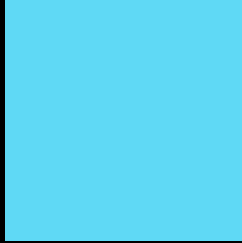
Large Text (above 18pt) WCAG AA × Fail

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 6281717 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 6281717 Background



This preview shows how black text looks on a background with the Decimal color 6281717.

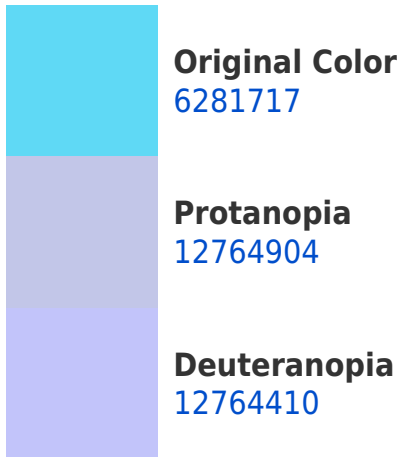


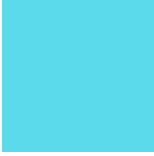
This preview shows how white text looks on a background with the Decimal color 6281717.

# 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](#).

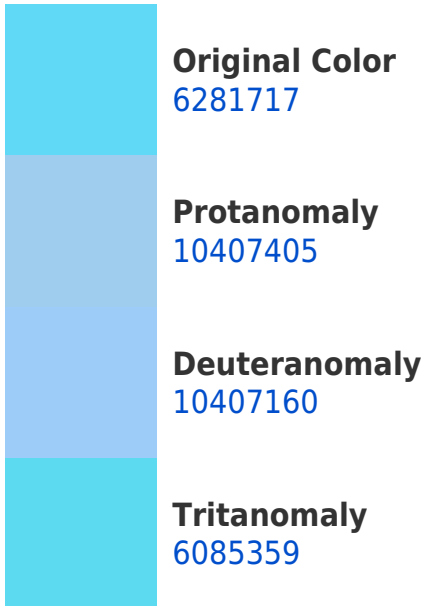
## Dichromacy



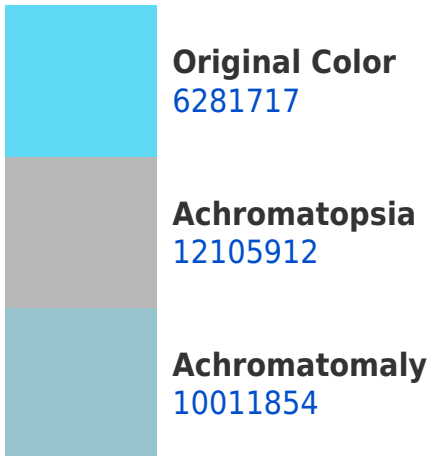


**Tritanopia**  
6019820

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6281717 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 #5FD9F5 looks like.

```
.text, #text, p{  
    color:#5FD9F5  
}
```

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 #5FD9F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD9F5
}
```

## Border

The CSS property to change the border of an element to Decimal 6281717 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
#5FD9F5 }
```

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

```
.border{ border-color:#5FD9F5 }
```

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

Here you see how a box with a 4 pixel #5FD9F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD9F5; -webkit-box-shadow:4px 4px  
4px 4px #5FD9F5; box-shadow:4px 4px 4px  
4px #5FD9F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 6281717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD9F5 }
```

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

```
.background{ background-color:#5FD9F5 }
```

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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