

# Converting Colors

Decimal(6210289)

Have a look what the booklet for  
Decimal(6210289) contains.

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# **Color**

**Decimal(6210289)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EC2F1
RGB	94, 194, 241
RGB Percent	37%, 76%, 95%
CMY	0.6314, 0.2392, 0.0549
CMYK	0.61, 0.20, 0.00, 0.05
HSL	199°, 84%, 66%
HSV	199°, 61%, 95%
XYZ	39.7851, 47.3141, 90.2547
YIQ	169.4580, -74.6870, -6.5830

# Conversions

## Conversions Part 2

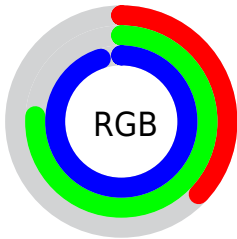
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 154, 241
Decimal	6210289
CIE Lab	74.39, -15.59, -32.03
CIE LCh	74, 35.622, 244.044
Yxy	47.3141, 0.2243, 0.2668
Android (android.graphics.Color)	4284400369 (0xFF5EC2F1)
YUV	169.4580, 35.2702, -66.1767
Hunter-Lab	68.7853, -17.1307, -29.6461

# Details

The Decimal color **6210289** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **15830366**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **10288127**, and **36025** is the 20% darker color. If you saturate the color by 10%, you get **4635377**, and if you desaturate by 10%, it is **7785201**.

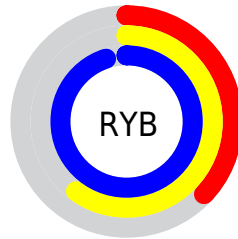
# Distribution



Red (37%)

Green (76%)

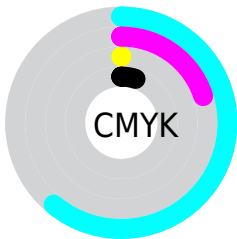
Blue (95%)



Red (37%)

Yellow (60%)

Blue (95%)

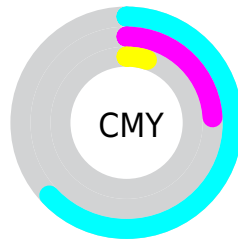


Cyan (61%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (63%)

Magenta (24%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6210289 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 6210289 by changing the saturation by 10% instead.



6210289

6210289

16777215

3909589

10288127

36025

12255231

29598

14221311

23171

16252927

17258

11602

6714

548

12

■ 6210289

■ 6210289

■ 4635377

■ 7785201

■ 3060721

■ 9359857

■ 1485809

■ 10934769

■ 42225

■ 12509681

■ 14084593

■ 15724785

■ 16775409

■ 16777201

# Harmonies

## Analogous

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



4376538



6210289



9550328

# Triad

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



6210289



16162484



10928256

# Complementary

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



6210289



15830366

# 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.



13219445



6210289



16097940

# Square

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



6210289



14983892



15051645



8373913

# Rectangle

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



6210289



11710963



15051645



11713914

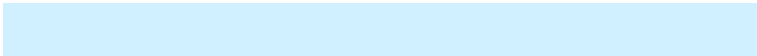


# Sweetspot

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



6210289



13758719



6222221



6518656



0



8421504



# Same Dimension

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



6210289



4572159



6191601



7107704



32184



9784



# Inverse Universe

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



15818434



16729539



15849054



7892084



12058749

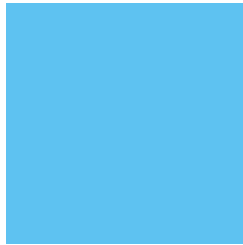


3670054



# Previews

## White Background



This preview shows how the Decimal color 6210289 looks on a white background.

## Color Contrast Check

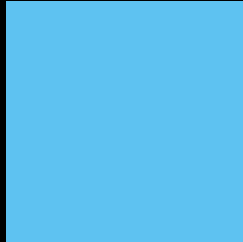
Large Text (above 18pt) WCAG AA × Fail

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 6210289 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

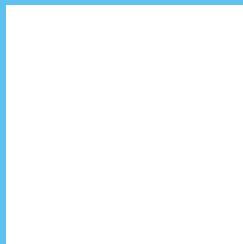
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6210289 Background



This preview shows how black text looks on a background with the Decimal color 6210289.



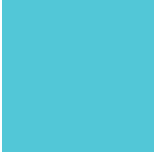
This preview shows how white text looks on a background with the Decimal color 6210289.

# 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**  
5425111

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6210289 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 #5EC2F1 looks like.

```
.text, #text, p{  
    color:#5EC2F1  
}
```

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 #5EC2F1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EC2F1
}
```

## Border

The CSS property to change the border of an element to Decimal 6210289 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
#5EC2F1 }
```

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

```
.border{ border-color:#5EC2F1 }
```

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

Here you see how a box with a 4 pixel #5EC2F1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EC2F1; -webkit-box-shadow:4px 4px  
4px 4px #5EC2F1; box-shadow:4px 4px 4px  
4px #5EC2F1 }
```

# Background

The CSS property to change the background color of an element to Decimal 6210289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EC2F1 }
```

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

```
.background{ background-color:#5EC2F1 }
```

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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