

Converting Colors

Decimal(5796083)

Have a look what the booklet for
Decimal(5796083) contains.

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Color

Decimal(5796083)

Conversions

Conversions Part 1

Format	Color
Hex	5870F3
RGB	88, 112, 243
RGB Percent	35%, 44%, 95%
CMY	0.6549, 0.5608, 0.0471
CMYK	0.64, 0.54, 0.00, 0.05
HSL	231°, 87%, 65%
HSV	231°, 64%, 95%
XYZ	25.9963, 20.1341, 87.3101
YIQ	119.7580, -56.3550, 35.6530

Conversions

Conversions Part 2

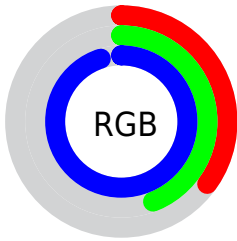
Format	Color
R _Y B	88, 109, 243
Decimal	5796083
CIE Lab	51.99, 31.51, -68.59
CIE LCh	52, 75.477, 294.672
Yxy	20.1341, 0.1948, 0.1509
Android (android.graphics.Color)	4283986163 (0xFF5870F3)
YUV	119.7580, 60.7583, -27.8518
Hunter-Lab	44.8711, 24.8908, -83.9568

Details

The Decimal color **5796083** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **15981400**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **9937919**, and **16826** is the 20% darker color. If you saturate the color by 10%, you get **4217843**, and if you desaturate by 10%, it is **7374323**.

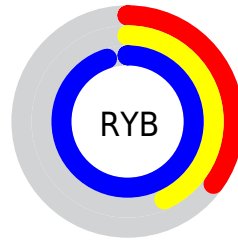
Distribution



Red (35%)

Green (44%)

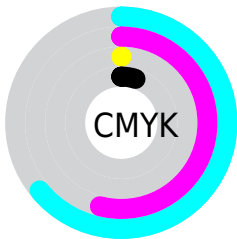
Blue (95%)



Red (35%)

Yellow (43%)

Blue (95%)

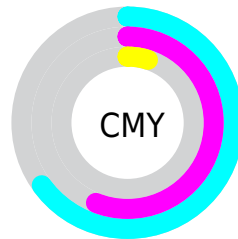


Cyan (64%)

Magenta (54%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (56%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5796083 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 5796083 by changing the saturation by 10% instead.

■ 5796083

■ 5796083

16777215

■ 3299542

■ 9937919

■ 16826

■ 11976447

■ 11166

■ 14015231

■ 6275

■ 15988735

■ 361

■ 2640

■ 1336

■ 546

■ 7

■ 5796083

■ 5796083

■ 4217843

■ 7374323

■ 2574323

■ 9017843

■ 996083

■ 10596083

■ 9971

■ 12174067

■ 13752307

■ 15395827

■ 16777203

Harmonies

Analogous

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



35070



5796083



12405960

Triad

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



5796083



13522944



38766

Complementary

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



5796083



15981400

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.



37416



5796083



10515712

Square

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



5796083



15283019



6522880



39089

Rectangle

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



5796083



14496416



6522880



38487

Sweetspot

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



5796083



13620991



5829593



6449024



0



8421504

Same Dimension

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



5796083



3889663



9197811



7237754



7610



2363

Inverse Universe

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



15947888



16726873



12579672



8023664



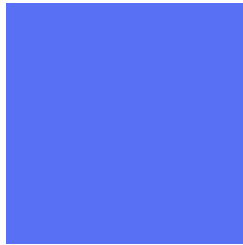
12189725



3866633

Previews

White Background



This preview shows how the Decimal color 5796083 looks on a white background.

Color Contrast Check

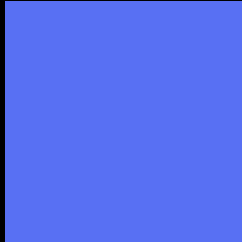
Large Text (above 18pt) WCAG AA ✓ Pass

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 5796083 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 × Fail

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

Decimal 5796083 Background



This preview shows how black text looks on a background with the Decimal color 5796083.



This preview shows how white text looks on a background with the Decimal color 5796083.

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](#).

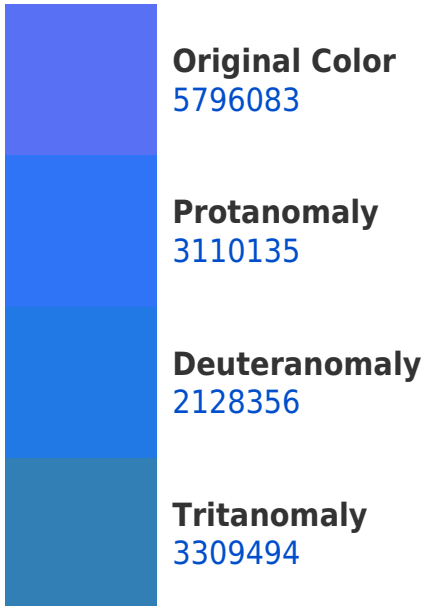
Dichromacy





Tritanopia
1935507

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5796083 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 #5870F3 looks like.

```
.text, #text, p{  
  color:#5870F3  
}
```

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 #5870F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5870F3
}
```

Border

The CSS property to change the border of an element to Decimal 5796083 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
#5870F3 }
```

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

```
.border{ border-color:#5870F3 }
```

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

Here you see how a box with a 4 pixel #5870F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5870F3; -webkit-box-shadow:4px 4px  
4px 4px #5870F3; box-shadow:4px 4px 4px  
4px #5870F3 }
```

Background

The CSS property to change the background color of an element to Decimal 5796083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5870F3 }
```

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

```
.background{ background-color:#5870F3 }
```

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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