

Converting Colors

Decimal(5793273)

Have a look what the booklet for
Decimal(5793273) contains.

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Color

Decimal(5793273)

Conversions

Conversions Part 1

Format	Color
Hex	5865F9
RGB	88, 101, 249
RGB Percent	35%, 40%, 98%
CMY	0.6549, 0.6039, 0.0235
CMYK	0.65, 0.59, 0.00, 0.02
HSL	235°, 93%, 66%
HSV	235°, 65%, 98%
XYZ	25.7771, 18.2216, 91.7811
YIQ	113.9850, -55.2560, 43.2720

Conversions

Conversions Part 2

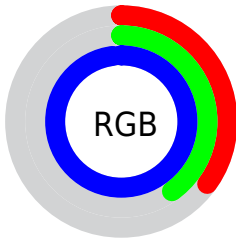
Format	Color
R _Y B	88, 100, 249
Decimal	5793273
CIE Lab	49.76, 40.18, -75.54
CIE LCh	50, 85.562, 298.008
Yxy	18.2216, 0.1898, 0.1342
Android (android.graphics.Color)	4283983353 (0xFF5865F9)
YUV	113.9850, 66.5624, -22.7888
Hunter-Lab	42.6868, 33.0880, -97.5989

Details

The Decimal color **5793273** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted azure. A complement of this color would be **16378968**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **10066175**, and **14015** is the 20% darker color. If you saturate the color by 10%, you get **4148985**, and if you desaturate by 10%, it is **7437561**.

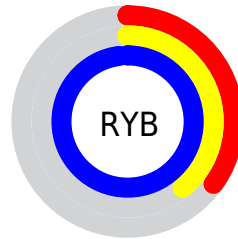
Distribution



Red (35%)

Green (40%)

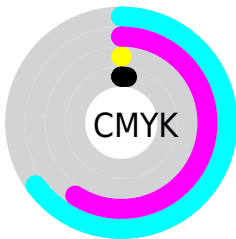
Blue (98%)



Red (35%)

Yellow (39%)

Blue (98%)

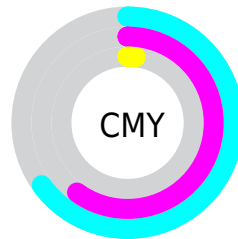


Cyan (65%)

Magenta (59%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (60%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5793273 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 5793273 by changing the saturation by 10% instead.

■ 5793273

■ 5793273

16777215

■ 3165660

■ 10066175

■ 14015

■ 12104703

■ 8611

■ 14143231

■ 3976

■ 16182271

■ 110

■ 3157

■ 1596

■ 550

■ 270

■ 5793273

■ 5793273

■ 4148985

■ 7437561

■ 2504697

■ 9081849

■ 860409

■ 10726137

■ 5369

■ 12370425

■ 13948921

■ 15593209

■ 16777209

Harmonies

Analogous

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



33535



5793273



12923589

Triad

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



5793273



13258752



37743

Complementary

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



5793273



16378968

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.



36637



5793273



9794048

Square

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



5793273



15403575



4949248



38073

Rectangle

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



5793273



15007895



4949248



37461

Sweetspot

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



5793273



13619967



5831148



6448512



0



8421504

Same Dimension

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



5793273



3688703



10180857



7369085



4029



1341

Inverse Universe

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



16341093



16726088



11991384



8220785



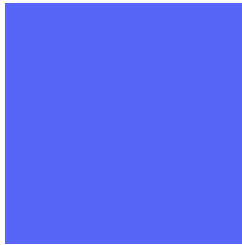
12386319



3997701

Previews

White Background



This preview shows how the Decimal color 5793273 looks on a white background.

Color Contrast Check

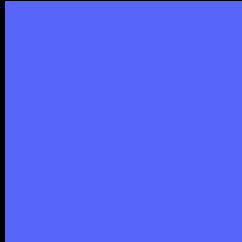
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5793273 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 5793273 Background



This preview shows how black text looks on a background with the Decimal color 5793273.



This preview shows how white text looks on a background with the Decimal color 5793273.

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
33421

Trichromacy



Original Color

5793273



Protanomaly

2125299



Deuteranomaly

2126558



Tritanomaly

2127796

Monochromacy



Original Color

5793273



Achromatopsia

7500402



Achromatomaly

6909347

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5793273 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 #5865F9 looks like.

```
.text, #text, p{  
    color:#5865F9  
}
```

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 #5865F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5865F9
}
```

Border

The CSS property to change the border of an element to Decimal 5793273 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
#5865F9 }
```

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

```
.border{ border-color:#5865F9 }
```

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

Here you see how a box with a 4 pixel #5865F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5865F9; -webkit-box-shadow:4px 4px  
4px 4px #5865F9; box-shadow:4px 4px 4px  
4px #5865F9 }
```

Background

The CSS property to change the background color of an element to Decimal 5793273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5865F9 }
```

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

```
.background{ background-color:#5865F9 }
```

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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