

Converting Colors

Decimal(5789417)

Have a look what the booklet for
Decimal(5789417) contains.

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Color

Decimal(5789417)

Conversions

Conversions Part 1

Format	Color
Hex	5856E9
RGB	88, 86, 233
RGB Percent	35%, 34%, 91%
CMY	0.6549, 0.6627, 0.0863
CMYK	0.62, 0.63, 0.00, 0.09
HSL	241°, 77%, 63%
HSV	241°, 63%, 91%
XYZ	22.0603, 14.6135, 78.7488
YIQ	103.3560, -45.9950, 46.1410

Conversions

Conversions Part 2

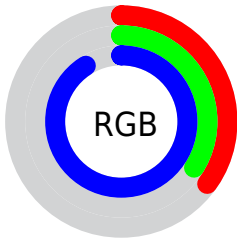
Format	Color
R_{YB}	88, 86, 233
Decimal	5789417
CIE _{Lab}	45.10, 43.91, -74.18
CIE _{LCh}	45, 86.203, 300.624
Yxy	14.6135, 0.1911, 0.1266
Android (android.graphics.Color)	4283979497 (0xFF5856E9)
YUV	103.3560, 63.9145, -13.4672
Hunter-Lab	38.2276, 36.1101, -95.3780

Details

The Decimal color **5789417** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **15198550**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9931007**, and **10416** is the 20% darker color. If you saturate the color by 10%, you get **4276201**, and if you desaturate by 10%, it is **7302633**.

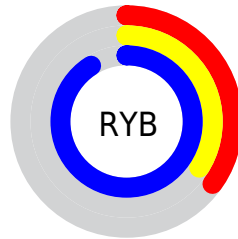
Distribution



Red (35%)

Green (34%)

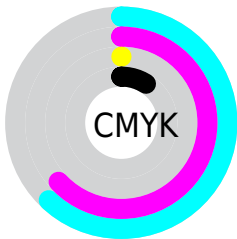
Blue (91%)



Red (35%)

Yellow (34%)

Blue (91%)

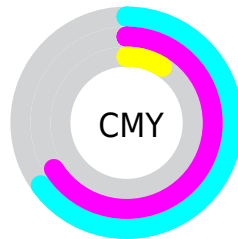


Cyan (62%)

Magenta (63%)

Yellow (0%)

Black (9%)



Cyan (65%)

Magenta (66%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5789417 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 5789417 by changing the saturation by 10% instead.

■ 5789417

■ 5789417

16777215

■ 3358412

■ 9931007

■ 10416

■ 11969535

■ 5013

■ 13942527

■ 378

■ 15981311

■ 96

■ 16775167

■ 2119

■ 1072

■ 282

■ 0

■ 5789417

■ 5789417

■ 4276201

■ 7302633

■ 2762729

■ 8816105

■ 1249513

■ 10329321

■ 196841

■ 11842537

■ 13356009

■ 14869225

■ 16382441

■ 16777193

Harmonies

Analogous

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



30206



5789417



12456883

Triad

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



5789417



12076800



34410

Complementary

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



5789417



15198550

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.



33560



5789417



8481024

Square

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



5789417



14352422



3439360



34739

Rectangle

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



5789417



14286981



3439360



34385

Sweetspot

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



5789417



13619199



5695977



6513280



0



8421504

Same Dimension

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



5789417



4210175



10442473



6974069



131253



65590

Inverse Universe

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



15292135



16727548



10479958



7694965



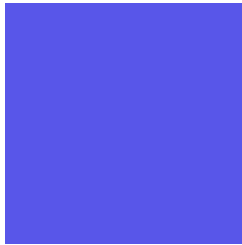
11862195



3538997

Previews

White Background



This preview shows how the Decimal color 5789417 looks on a white background.

Color Contrast Check

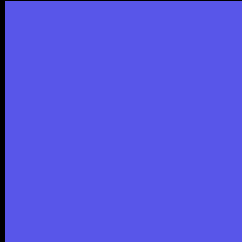
Large Text (above 18pt) WCAG AA ✓ Pass

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 5789417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

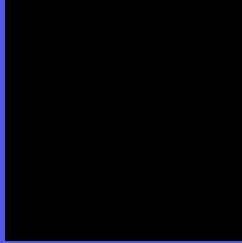
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5789417 Background



This preview shows how black text looks on a background with the Decimal color 5789417.

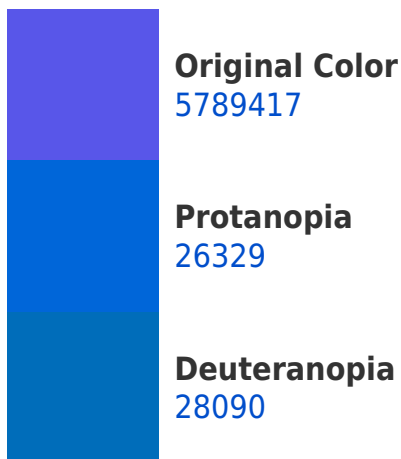


This preview shows how white text looks on a background with the Decimal color 5789417.

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

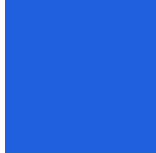


Trichromacy



Original Color

5789417



Protanomaly

2121951



Deuteranomaly

2123211



Tritanomaly

3304102

Monochromacy



Original Color

5789417



Achromatopsia

6776679



Achromatomaly

6447510

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5789417 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 #5856E9 looks like.

```
.text, #text, p{  
    color:#5856E9  
}
```

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 #5856E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5856E9
}
```

Border

The CSS property to change the border of an element to Decimal 5789417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

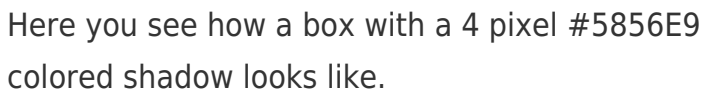
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5856E9 }
```

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

```
.border{ border-color:#5856E9 }
```

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



Here you see how a box with a 4 pixel #5856E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5856E9; -webkit-box-shadow:4px 4px  
4px 4px #5856E9; box-shadow:4px 4px 4px  
4px #5856E9 }
```

Background

The CSS property to change the background color of an element to Decimal 5789417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5856E9 }
```

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

```
.background{ background-color:#5856E9 }
```

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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