

Converting Colors

Decimal(5789588)

Have a look what the booklet for
Decimal(5789588) contains.

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Color

Decimal(5789588)

Conversions

Conversions Part 1

Format	Color
Hex	585794
RGB	88, 87, 148
RGB Percent	35%, 34%, 58%
CMY	0.6549, 0.6588, 0.4196
CMYK	0.41, 0.41, 0.00, 0.42
HSL	241°, 26%, 46%
HSV	241°, 41%, 58%
XYZ	12.7780, 11.0292, 29.4724
YIQ	94.2530, -18.9850, 19.1830

Conversions

Conversions Part 2

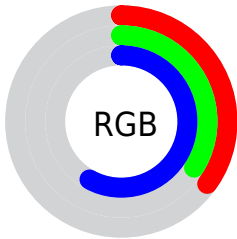
Format	Color
R_{YB}	88, 87, 148
Decimal	5789588
CIE _{Lab}	39.63, 16.36, -33.46
CIE _{LCh}	40, 37.245, 296.052
Yxy	11.0292, 0.2398, 0.2070
Android (android.graphics.Color)	4283979668 (0xFF585794)
YUV	94.2530, 26.4973, -5.4839
Hunter-Lab	33.2103, 10.5618, -29.3696

Details

The Decimal color **5789588** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9671767**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **9210314**, and **2435681** is the 20% darker color. If you saturate the color by 10%, you get **4802708**, and if you desaturate by 10%, it is **6776468**.

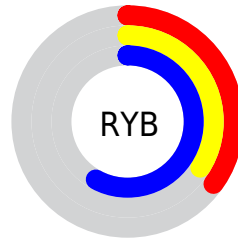
Distribution



Red (35%)

Green (34%)

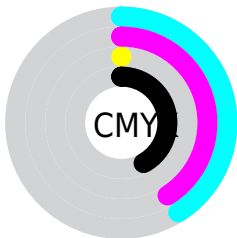
Blue (58%)



Red (35%)

Yellow (34%)

Blue (58%)

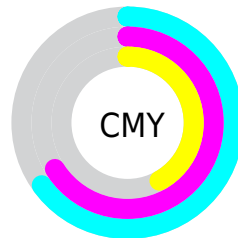


Cyan (41%)

Magenta (41%)

Yellow (0%)

Black (42%)



Cyan (65%)

Magenta (66%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5789588 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 5789588 by changing the saturation by 10% instead.

■ 5789588

■ 5789588

16777215

■ 4145274

■ 9210314

■ 2435681

■ 11052007

■ 398921

■ 12828415

■ 50

■ 14736127

■ 284

■ 16643839

■ 0

■ 5789588

■ 5789588

■ 4802708

■ 6776468

■ 3881364

■ 7697812

■ 2894740

■ 8684436

■ 1973396

■ 9605780

■ 986516

■ 10592660

■ 131220

■ 11514004

■ 12500884

■ 13421972

■ 14408852

Harmonies

Analogous

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



25242



5789588



8342400

Triad

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



5789588



8933163



27736

Complementary

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



5789588



9671767

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.



2976058



5789588



7494174

Square

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



5789588



9782596



5530404



27767

Rectangle

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



5789588



9323629



5530404



27470

Sweetspot

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



5789588



11118783



5739668



5526369



14737632



6381921

Same Dimension

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



5789588



6513343



7755668



4408138



131210



10

Inverse Universe

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



9721747



12542654



7771223



4866890



9044103



655370

Previews

White Background



This preview shows how the Decimal color 5789588 looks on a white background.

Color Contrast Check

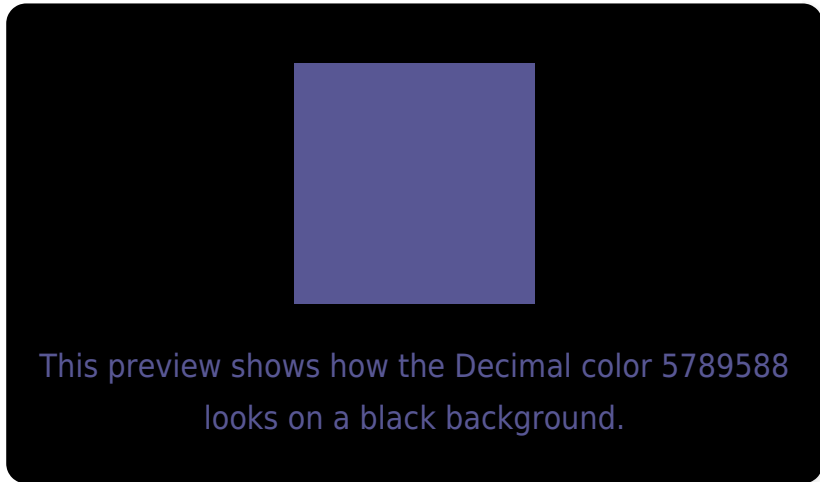
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

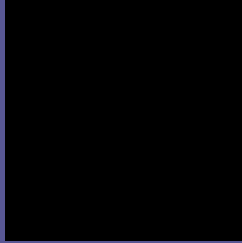
Any Text WCAG AA × Fail

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 5789588 Background



This preview shows how black text looks on a background with the Decimal color 5789588.



This preview shows how white text looks on a background with the Decimal color 5789588.

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
5789588

Protanomaly
5003927

Deuteranomaly
4807571

Tritanomaly
5332344

Monochromacy



Original Color
5789588

Achromatopsia
6184542

Achromatomaly
6052722

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5789588 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 #585794 looks like.

```
.text, #text, p{  
  color:#585794  
}
```

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 #585794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585794
}
```

Border

The CSS property to change the border of an element to Decimal 5789588 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
#585794 }
```

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

```
.border{ border-color:#585794 }
```

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

Here you see how a box with a 4 pixel #585794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585794; -webkit-box-shadow:4px 4px  
4px 4px #585794; box-shadow:4px 4px 4px  
4px #585794 }
```

Background

The CSS property to change the background color of an element to Decimal 5789588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585794 }
```

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

```
.background{ background-color:#585794 }
```

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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