

Converting Colors

Decimal(5789050)

Have a look what the booklet for
Decimal(5789050) contains.

Decimal(5789050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5789050)

Conversions

Conversions Part 1

Format	Color
Hex	58557A
RGB	88, 85, 122
RGB Percent	35%, 33%, 48%
CMY	0.6549, 0.6667, 0.5216
CMYK	0.28, 0.30, 0.00, 0.52
HSL	245°, 18%, 41%
HSV	245°, 30%, 48%
XYZ	10.7859, 9.9768, 19.7696
YIQ	90.1150, -10.0890, 12.1430

Conversions

Conversions Part 2

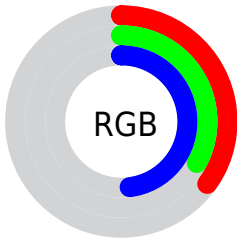
Format	Color
R_{YB}	88, 85, 122
Decimal	5789050
CIE _{Lab}	37.80, 10.17, -20.49
CIE _{LCh}	38, 22.876, 296.397
Yxy	9.9768, 0.2661, 0.2461
Android (android.graphics.Color)	4283979130 (0xFF58557A)
YUV	90.1150, 15.7193, -1.8549
Hunter-Lab	31.5861, 5.6774, -14.9990

Details

The Decimal color **5789050** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7830101**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **9144239**, and **2697289** is the 20% darker color. If you saturate the color by 10%, you get **5065082**, and if you desaturate by 10%, it is **6513018**.

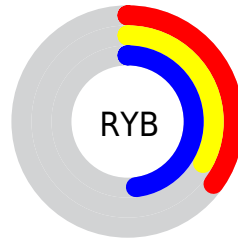
Distribution



Red (35%)

Green (33%)

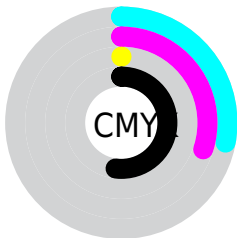
Blue (48%)



Red (35%)

Yellow (33%)

Blue (48%)

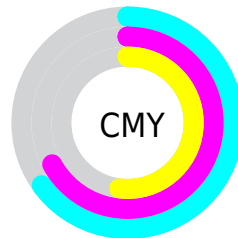


Cyan (28%)

Magenta (30%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5789050 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 5789050 by changing the saturation by 10% instead.

■ 5789050

■ 5789050

16777215

■ 4210273

■ 9144239

■ 2697289

■ 10854858

■ 1184818

■ 12696806

■ 285

■ 14538751

■ 0

■ 16381183

■ 5789050

■ 5789050

■ 5065082

■ 6513018

■ 4341114

■ 7236986

■ 3551354

■ 8026746

■ 2827386

■ 8750714

■ 2103418

■ 9474682

■ 1379450

■ 10198650

■ 655482

■ 10922618

■ 11712378

■ 12436346

Harmonies

Analogous

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



3890046



5789050



7229294

Triad

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



5789050



7754043



2581334

Complementary

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



5789050



7830101

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.



4153668



5789050



6772532

Square

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



5789050



8211529



5528887



1139561

Rectangle

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



5789050



7883874



5528887



3105360

Sweetspot

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



5789050



9539742



5601402



4671055



13619151



5197647

Same Dimension

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



5789050



6972830



6968698



3684157



655485



1310972

Inverse Universe

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



8017271



10380697



6650453



4011837



8192115



16515304

Previews

White Background



This preview shows how the Decimal color 5789050 looks on a white background.

Color Contrast Check

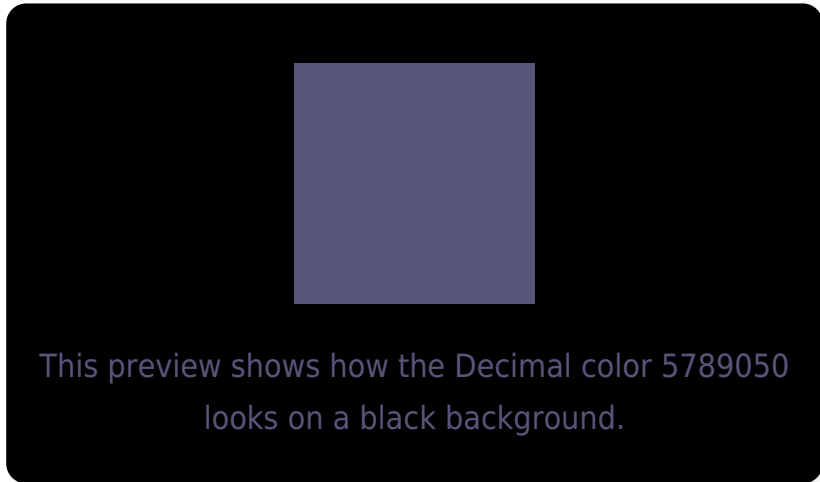
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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 5789050 Background



This preview shows how black text looks on a background with the Decimal color 5789050.

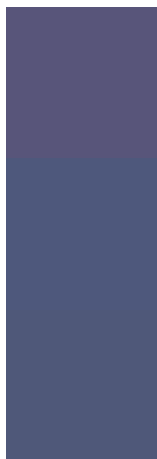


This preview shows how white text looks on a background with the Decimal color 5789050.

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



Original Color
5789050

Protanopia
5134460

Deuteranopia
5199993



Tritanopia
5462625

Trichromacy



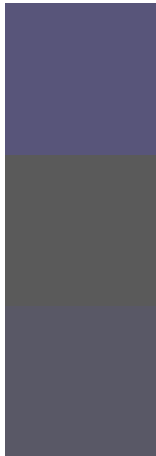
Original Color
5789050

Protanomaly
5396347

Deuteranomaly
5396345

Tritanomaly
5593194

Monochromacy



Original Color
5789050

Achromatopsia
5921370

Achromatomaly
5855334

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5789050 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 #58557A looks like.

```
.text, #text, p{  
    color:#58557A  
}
```

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 #58557A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58557A
}
```

Border

The CSS property to change the border of an element to Decimal 5789050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

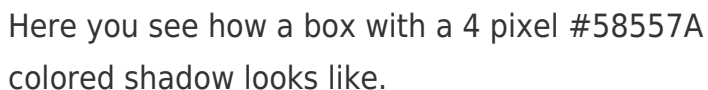
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#58557A }
```

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

```
.border{ border-color:#58557A }
```

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



Here you see how a box with a 4 pixel #58557A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58557A; -webkit-box-shadow:4px 4px  
4px 4px #58557A; box-shadow:4px 4px 4px  
4px #58557A }
```

Background

The CSS property to change the background color of an element to Decimal 5789050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58557A }
```

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

```
.background{ background-color:#58557A }
```

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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