

Converting Colors

Decimal(5788563)

Have a look what the booklet for
Decimal(5788563) contains.

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Color

Decimal(5788563)

Conversions

Conversions Part 1

Format	Color
Hex	585393
RGB	88, 83, 147
RGB Percent	35%, 33%, 58%
CMY	0.6549, 0.6745, 0.4235
CMYK	0.40, 0.44, 0.00, 0.42
HSL	245°, 28%, 45%
HSV	245°, 44%, 58%
XYZ	12.3842, 10.3678, 28.9522
YIQ	91.7910, -17.5640, 20.9640

Conversions

Conversions Part 2

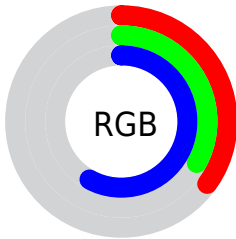
Format	Color
R_{YB}	88, 83, 147
Decimal	5788563
CIE _{Lab}	38.49, 18.59, -34.65
CIE _{LCh}	38, 39.325, 298.214
Yxy	10.3678, 0.2395, 0.2005
Android (android.graphics.Color)	4283978643 (0xFF585393)
YUV	91.7910, 27.2180, -3.3247
Hunter-Lab	32.1991, 12.3052, -30.7720

Details

The Decimal color **5788563** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9343827**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **9274569**, and **2434656** is the 20% darker color. If you saturate the color by 10%, you get **4867219**, and if you desaturate by 10%, it is **6709907**.

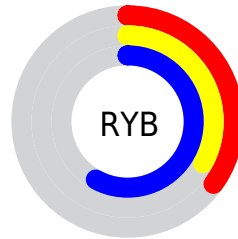
Distribution



Red (35%)

Green (33%)

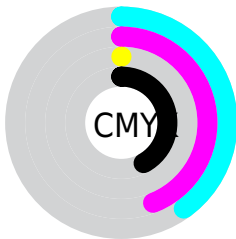
Blue (58%)



Red (35%)

Yellow (33%)

Blue (58%)

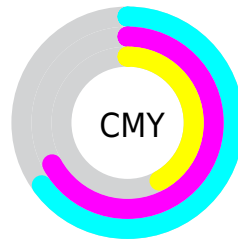


Cyan (40%)

Magenta (44%)

Yellow (0%)

Black (42%)



Cyan (65%)

Magenta (67%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5788563 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 5788563 by changing the saturation by 10% instead.

■ 5788563

■ 5788563

16777215

■ 4144249

■ 9274569

■ 2434656

■ 11050982

■ 397896

■ 12892927

■ 49

■ 14734847

■ 283

■ 16642815

■ 0

■ 5788563

■ 5788563

■ 4867219

■ 6709907

■ 4011667

■ 7565459

■ 3090323

■ 8486803

■ 2234515

■ 9342611

■ 1313427

■ 10263955

■ 721043

■ 11119507

■ 12040851

■ 12896659

■ 13817747

Harmonies

Analogous

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



24474



5788563



8406653

Triad

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



5788563



8801316



27224

Complementary

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



5788563



9343827

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.



2189111



5788563



7165974

Square

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



5788563



9716030



5136926



27256

Rectangle

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



5788563



9322345



5136926



26957

Sweetspot

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



5788563



11052735



5476243



5460321



14737632



6381921

Same Dimension

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



5788563



6577343



7820179



4408138



721034



65546

Inverse Universe

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



9655182



12541111



7312211



4866889



9044095



655369

Previews

White Background



This preview shows how the Decimal color 5788563 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 5788563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

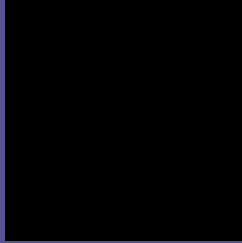
Any Text WCAG AA × Fail

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 5788563 Background



This preview shows how black text looks on a background with the Decimal color 5788563.

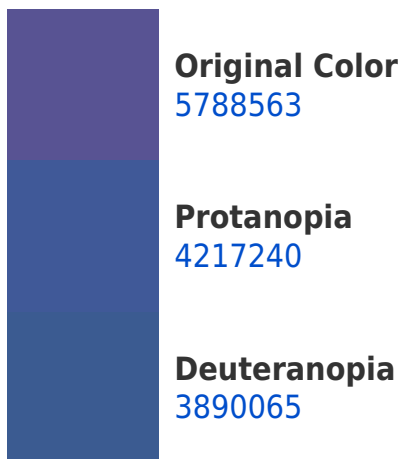


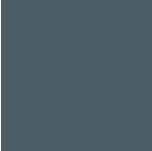
This preview shows how white text looks on a background with the Decimal color 5788563.

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
5070181

Trichromacy



Original Color
5788563

Protanomaly
4806550

Deuteranomaly
4610194

Tritanomaly
5331318

Monochromacy



Original Color
5788563

Achromatopsia
6052956

Achromatomaly
5986672

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5788563 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 #585393 looks like.

```
.text, #text, p{  
    color:#585393  
}
```

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 #585393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585393
}
```

Border

The CSS property to change the border of an element to Decimal 5788563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

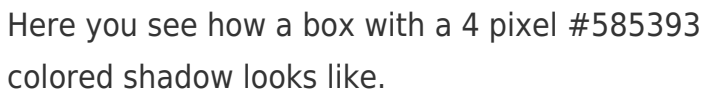
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585393 }
```

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

```
.border{ border-color:#585393 }
```

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



Here you see how a box with a 4 pixel #585393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585393; -webkit-box-shadow:4px 4px  
4px 4px #585393; box-shadow:4px 4px 4px  
4px #585393 }
```

Background

The CSS property to change the background color of an element to Decimal 5788563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585393 }
```

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

```
.background{ background-color:#585393 }
```

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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