

Converting Colors

Decimal(5788535)

Have a look what the booklet for
Decimal(5788535) contains.

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Color

Decimal(5788535)

Conversions

Conversions Part 1

Format	Color
Hex	585377
RGB	88, 83, 119
RGB Percent	35%, 33%, 47%
CMY	0.6549, 0.6745, 0.5333
CMYK	0.26, 0.30, 0.00, 0.53
HSL	248°, 18%, 40%
HSV	248°, 30%, 47%
XYZ	10.4475, 9.5931, 18.7538
YIQ	88.5990, -8.5760, 12.2560

Conversions

Conversions Part 2

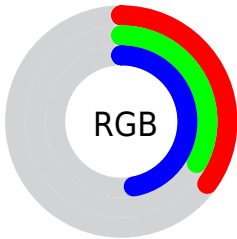
Format	Color
R_{YB}	88, 83, 119
Decimal	5788535
CIE _{Lab}	37.10, 10.62, -19.72
CIE _{LCh}	37, 22.402, 298.312
Yxy	9.5931, 0.2693, 0.2473
Android (android.graphics.Color)	4283978615 (0xFF585377)
YUV	88.5990, 14.9877, -0.5253
Hunter-Lab	30.9728, 6.0081, -14.2187

Details

The Decimal color **5788535** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7501651**, and the grayscale version is **5789784**.

A 20% lighter version of the original color is **9143467**, and **2696774** is the 20% darker color. If you saturate the color by 10%, you get **5130103**, and if you desaturate by 10%, it is **6446967**.

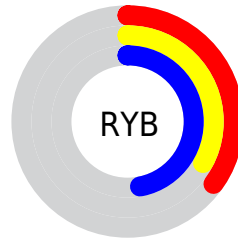
Distribution



 Red (35%)

 Green (33%)

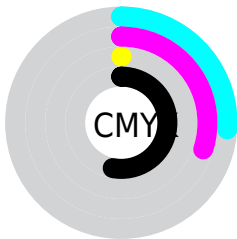
 Blue (47%)




 Red (35%)

 Yellow (33%)

 Blue (47%)

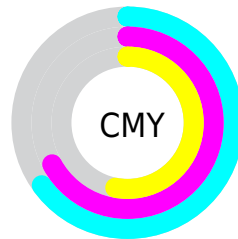


 Cyan (26%)


 Magenta (30%)

 Yellow (0%)

 Black (53%)



 Cyan (65%)

 Magenta (67%)

 Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5788535 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 5788535 by changing the saturation by 10% instead.

■ 5788535

■ 5788535

16777215

■ 4209758

■ 9143467

■ 2696774

■ 10854343

■ 1249840

■ 12630499

■ 283

■ 14538239

■ 0

■ 16380671

■ 5788535

■ 5788535

■ 5130103

■ 6446967

■ 4471671

■ 7105399

■ 3747703

■ 7829367

■ 3089271

■ 8487799

■ 2430839

■ 9145975

■ 1772663

■ 9804407

■ 1114231

■ 10528375

■ 11186807

■ 11845239

Harmonies

Analogous

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



3955067



5788535



7163242

Triad

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



5788535



7557177



2449750

Complementary

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



5788535



7501651

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.



3956548



5788535



6575667

Square

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



5788535



8014663



5397303



1139048

Rectangle

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



5788535



7752287



5397303



2974031

Sweetspot

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



5788535



9408156



5468791



4736591



13619151



5197647

Same Dimension

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



5788535



7038108



6968183



3552571



1114234



2294010

Inverse Universe

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



7820146



10249364



6322003



3880250



7995497



16384215

Previews

White Background



This preview shows how the Decimal color 5788535 looks on a white background.

Color Contrast Check

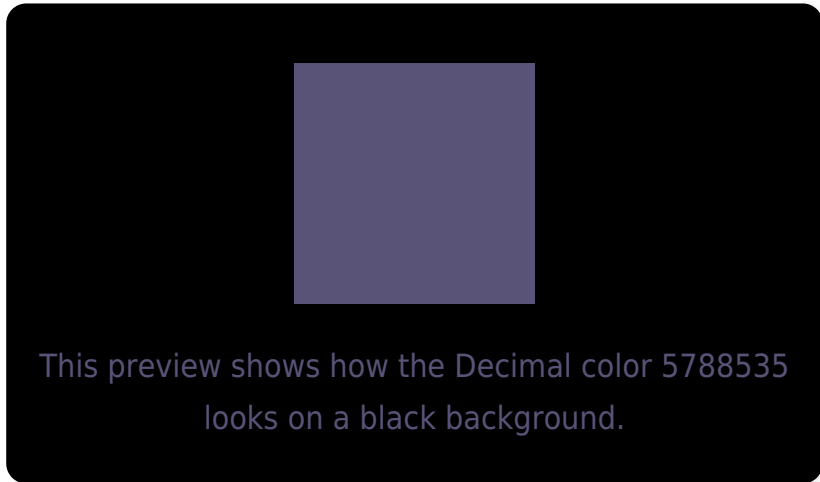
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

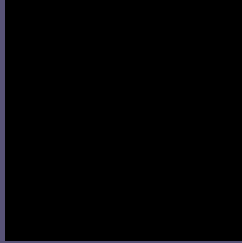
Any Text WCAG AA × Fail

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 5788535 Background



This preview shows how black text looks on a background with the Decimal color 5788535.



This preview shows how white text looks on a background with the Decimal color 5788535.

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
5788535

Protanopia
5068409

Deuteranopia
5133942



Tritanopia
5462111

Trichromacy



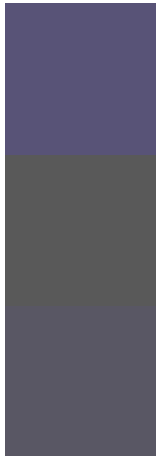
Original Color
5788535

Protanomaly
5330296

Deuteranomaly
5395830

Tritanomaly
5592680

Monochromacy



Original Color
5788535

Achromatopsia
5855577

Achromatomaly
5855076

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5788535 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 #585377 looks like.

```
.text, #text, p{  
  color:#585377  
}
```

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 #585377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585377
}
```

Border

The CSS property to change the border of an element to Decimal 5788535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

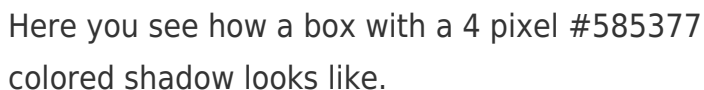
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585377 }
```

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

```
.border{ border-color:#585377 }
```

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



Here you see how a box with a 4 pixel #585377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585377; -webkit-box-shadow:4px 4px  
4px 4px #585377; box-shadow:4px 4px 4px  
4px #585377 }
```

Background

The CSS property to change the background color of an element to Decimal 5788535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585377 }
```

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

```
.background{ background-color:#585377 }
```

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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