

Converting Colors

Decimal(5786846)

Have a look what the booklet for
Decimal(5786846) contains.

Decimal(5786846)	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(5786846)

Conversions

Conversions Part 1

Format	Color
Hex	584CDE
RGB	88, 76, 222
RGB Percent	35%, 30%, 87%
CMY	0.6549, 0.7020, 0.1294
CMYK	0.60, 0.66, 0.00, 0.13
HSL	245°, 69%, 58%
HSV	245°, 66%, 87%
XYZ	19.7938, 12.5175, 70.4801
YIQ	96.2320, -39.7140, 47.9500

Conversions

Conversions Part 2

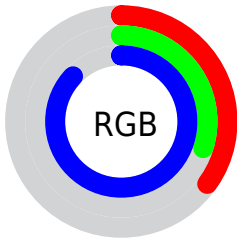
Format	Color
R _Y B	88, 76, 222
Decimal	5786846
CIE Lab	42.03, 46.25, -72.96
CIE LCh	42, 86.386, 302.372
Yxy	12.5175, 0.1926, 0.1218
Android (android.graphics.Color)	4283976926 (0xFF584CDE)
YUV	96.2320, 62.0036, -7.2195
Hunter-Lab	35.3801, 37.9485, -93.3446

Details

The Decimal color **5786846** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **13819468**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **9862911**, and **7846** is the 20% darker color. If you saturate the color by 10%, you get **4470494**, and if you desaturate by 10%, it is **7103198**.

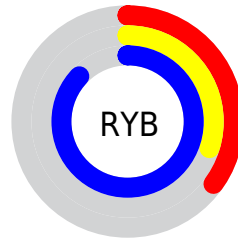
Distribution



Red (35%)

Green (30%)

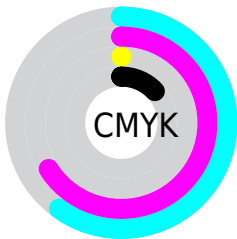
Blue (87%)



Red (35%)

Yellow (30%)

Blue (87%)

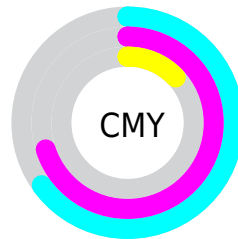


Cyan (60%)

Magenta (66%)

Yellow (0%)

Black (13%)



Cyan (65%)

Magenta (70%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5786846 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 5786846 by changing the saturation by 10% instead.

■ 5786846

■ 5786846

16777215

■ 3421377

■ 9862911

■ 7846

■ 11835647

■ 1930

■ 13874175

■ 112

■ 15847423

■ 855

■ 16772351

■ 1598

■ 807

■ 273

■ 0

■ 5786846

■ 5786846

■ 4470494

■ 7103198

■ 3088606

■ 8485086

■ 1771998

■ 9801694

■ 1179870

■ 11183582

■ 12499934

■ 13816286

■ 15198174

■ 16514782

■ 16777182

Harmonies

Analogous

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



27893



5786846



12058791

Triad

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



5786846



11223552



32359

Complementary

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



5786846



13819468

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.



31509



5786846



7693056

Square

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



5786846



13631515



2257664



32687

Rectangle

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



5786846



13762681



2257664



32078

Sweetspot

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



5786846



13683967



5035230



6513024



0



8421504

Same Dimension

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



5786846



4601599



10439902



6710640



917680



262192

Inverse Universe

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



14568658



16725742



9166412



7365999



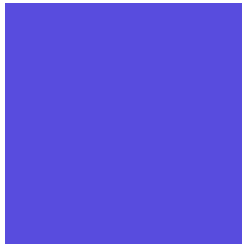
11534497



3145772

Previews

White Background



This preview shows how the Decimal color 5786846 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 5786846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

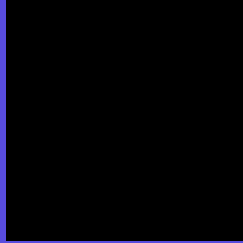
Any Text WCAG AA × Fail

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 5786846 Background



This preview shows how black text looks on a background with the Decimal color 5786846.

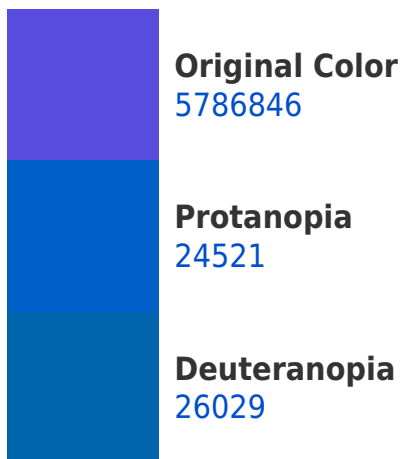


This preview shows how white text looks on a background with the Decimal color 5786846.

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

5786846



Protanomaly

2119889



Deuteranomaly

2120895



Tritanomaly

3694747

Monochromacy



Original Color

5786846



Achromatopsia

6316128



Achromatomaly

6117774

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5786846 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 #584CDE looks like.

```
.text, #text, p{  
  color:#584CDE  
}
```

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 #584CDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584CDE
}
```

Border

The CSS property to change the border of an element to Decimal 5786846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

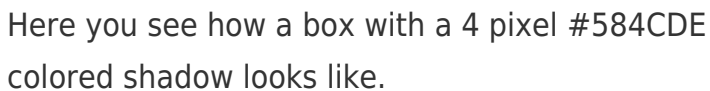
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584CDE }
```

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

```
.border{ border-color:#584CDE }
```

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



Here you see how a box with a 4 pixel #584CDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584CDE; -webkit-box-shadow:4px 4px  
4px 4px #584CDE; box-shadow:4px 4px 4px  
4px #584CDE }
```

Background

The CSS property to change the background color of an element to Decimal 5786846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584CDE }
```

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

```
.background{ background-color:#584CDE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor