

Converting Colors

Decimal(6780896)

Have a look what the booklet for
Decimal(6780896) contains.

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Color

Decimal(6780896)

Conversions

Conversions Part 1

Format	Color
Hex	6777E0
RGB	103, 119, 224
RGB Percent	40%, 47%, 88%
CMY	0.5961, 0.5333, 0.1216
CMYK	0.54, 0.47, 0.00, 0.12
HSL	232°, 66%, 64%
HSV	232°, 54%, 88%
XYZ	25.6449, 21.4590, 73.3114
YIQ	126.1860, -43.2410, 29.2630

Conversions

Conversions Part 2

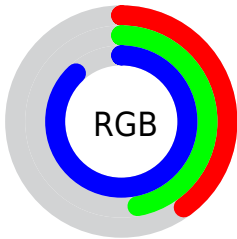
Format	Color
R _Y B	103, 117, 224
Decimal	6780896
CIE Lab	53.45, 23.74, -55.56
CIE LCh	53, 60.417, 293.142
Yxy	21.4590, 0.2130, 0.1782
Android (android.graphics.Color)	4284970976 (0xFF6777E0)
YUV	126.1860, 48.2223, -20.3341
Hunter-Lab	46.3239, 17.7507, -61.4046

Details

The Decimal color **6780896** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **14733415**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **10595327**, and **2508712** is the 20% darker color. If you saturate the color by 10%, you get **5334240**, and if you desaturate by 10%, it is **8227552**.

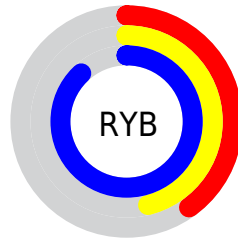
Distribution



Red (40%)

Green (47%)

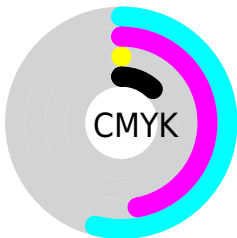
Blue (88%)



Red (40%)

Yellow (46%)

Blue (88%)

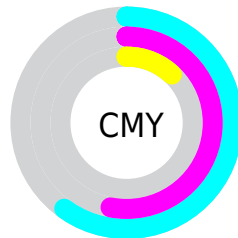


Cyan (54%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (60%)

Magenta (53%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6780896 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 6780896 by changing the saturation by 10% instead.

■ 6780896

■ 6780896

16777215

■ 4808388

■ 10595327

■ 2508712

■ 12568319

■ 12685

■ 14476031

■ 7539

■ 16449535

■ 1882

■ 1857

■ 810

■ 276

■ 0

■ 6780896

■ 6780896

■ 5334240

■ 8227552

■ 3821792

■ 9740000

■ 2375136

■ 11186656

■ 862688

■ 12699104

■ 7904

■ 14145760

■ 15592672

■ 16777184

Harmonies

Analogous

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



35303



6780896



11755455

Triad

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



6780896



13132843



38770

Complementary

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



6780896



14733415

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.



2593341



6780896



10713344

Square

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



6780896



14372698



7506186



39079

Rectangle

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



6780896



13521311



7506186



38496

Sweetspot

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



6780896



14081279



6807760



6777472



0



8421504

Same Dimension

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



6780896



5861375



9660384



6645360



6064



1584

Inverse Universe

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



14706551



16734575



11853927



7365990



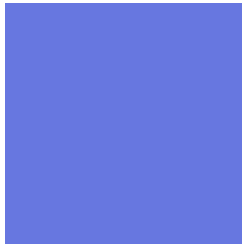
11534359



3145734

Previews

White Background



This preview shows how the Decimal color 6780896 looks on a white background.

Color Contrast Check

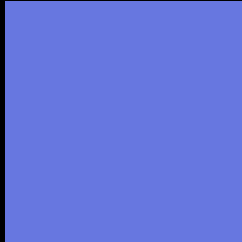
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 6780896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

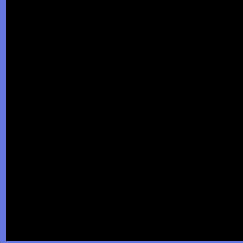
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6780896 Background



This preview shows how black text looks on a background with the Decimal color 6780896.



This preview shows how white text looks on a background with the Decimal color 6780896.

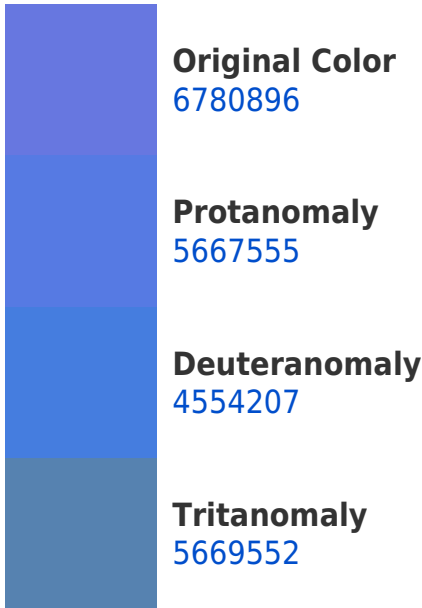
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6780896 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 #6777E0 looks like.

```
.text, #text, p{  
  color:#6777E0  
}
```

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 #6777E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6777E0
}
```

Border

The CSS property to change the border of an element to Decimal 6780896 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
#6777E0 }
```

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

```
.border{ border-color:#6777E0 }
```

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

Here you see how a box with a 4 pixel #6777E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6777E0; -webkit-box-shadow:4px 4px  
4px 4px #6777E0; box-shadow:4px 4px 4px  
4px #6777E0 }
```

Background

The CSS property to change the background color of an element to Decimal 6780896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6777E0 }
```

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

```
.background{ background-color:#6777E0 }
```

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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