

Converting Colors

Decimal(6782389)

Have a look what the booklet for
Decimal(6782389) contains.

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Color

Decimal(6782389)

Conversions

Conversions Part 1

Format	Color
Hex	677DB5
RGB	103, 125, 181
RGB Percent	40%, 49%, 71%
CMY	0.5961, 0.5098, 0.2902
CMYK	0.43, 0.31, 0.00, 0.29
HSL	223°, 35%, 56%
HSV	223°, 43%, 71%
XYZ	21.2676, 20.8870, 46.6267
YIQ	124.8060, -31.0880, 12.7520

Conversions

Conversions Part 2

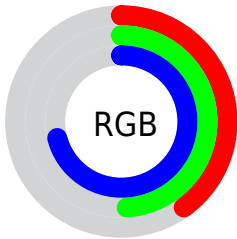
Format	Color
R_{YB}	103, 120, 181
Decimal	6782389
CIE _{Lab}	52.83, 6.89, -32.08
CIE _{LCh}	53, 32.815, 282.116
Yxy	20.8870, 0.2396, 0.2353
Android (android.graphics.Color)	4284972469 (0xFF677DB5)
YUV	124.8060, 27.7036, -19.1239
Hunter-Lab	45.7023, 3.0862, -28.4977

Details

The Decimal color **6782389** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11902823**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **10334701**, and **3296384** is the 20% darker color. If you saturate the color by 10%, you get **5599413**, and if you desaturate by 10%, it is **7965365**.

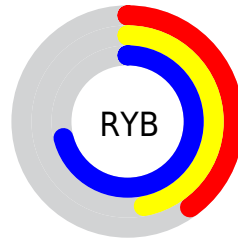
Distribution



Red (40%)

Green (49%)

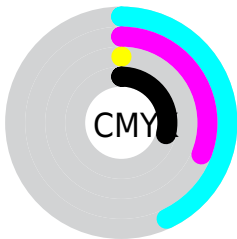
Blue (71%)



Red (40%)

Yellow (47%)

Blue (71%)

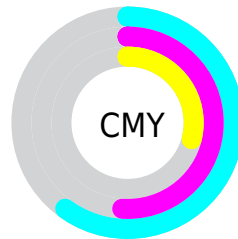


Cyan (43%)

Magenta (31%)

Yellow (0%)

Black (29%)



Cyan (60%)

Magenta (51%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6782389 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 6782389 by changing the saturation by 10% instead.

■ 6782389

■ 6782389

16777215

■ 5072026

■ 10334701

■ 3296384

■ 12176895

■ 1324647

■ 14019071

■ 8526

■ 15925247

■ 2359

■ 545

■ 6

■ 0

■ 6782389

■ 6782389

■ 5599413

■ 7965365

■ 4416437

■ 9148341

■ 3233461

■ 10331317

■ 2050485

■ 11514293

■ 867509

■ 12762805

■ 13237

■ 13945781

■ 15128757

■ 16311733

■ 16773813

Harmonies

Analogous

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



3245747



6782389



9466792

Triad

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



6782389



11562330



4295788

Complementary

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



6782389



11902823

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.



6719315



6782389



10450761

Square

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



6782389



11888756



8749126



232841

Rectangle

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



6782389



10710169



8749126



5147491

Sweetspot

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



6782389



13424107



6796703



6514805



16119285



7697781

Same Dimension

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



6782389



7443435



7890869



5264217



11161



1818

Inverse Universe

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



11888509



15430035



10794343



5853267



10027051



1703943

Previews

White Background



This preview shows how the Decimal color 6782389 looks on a white background.

Color Contrast Check

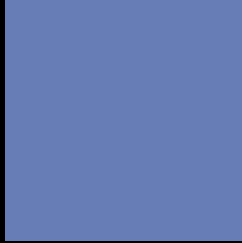
Large Text (above 18pt) WCAG AA ✓ Pass

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 6782389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

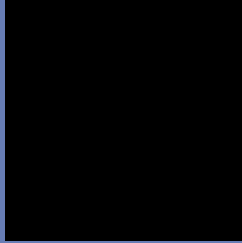
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

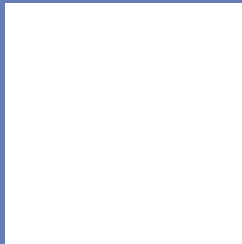
Any Text WCAG AAA × Fail

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

Decimal 6782389 Background



This preview shows how black text looks on a background with the Decimal color 6782389.

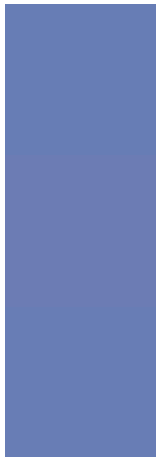


This preview shows how white text looks on a background with the Decimal color 6782389.

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
6782389

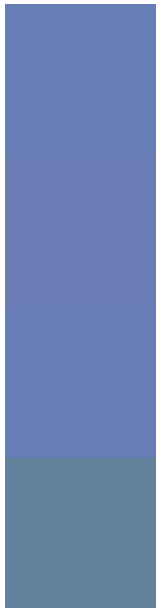
Protanopia
7109812

Deuteranopia
6847925



Tritanopia
6128783

Trichromacy



Original Color
6782389

Protanomaly
6978740

Deuteranomaly
6847925

Tritanomaly
6390173

Monochromacy



Original Color
6782389

Achromatopsia
8224125

Achromatomaly
7699857

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6782389 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 #677DB5 looks like.

```
.text, #text, p{  
    color:#677DB5  
}
```

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 #677DB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #677DB5  
}
```

Border

The CSS property to change the border of an element to Decimal 6782389 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  
#677DB5 }
```

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

```
.border{ border-color:#677DB5 }
```

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

Here you see how a box with a 4 pixel #677DB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #677DB5; -webkit-box-shadow:4px 4px  
4px 4px #677DB5; box-shadow:4px 4px 4px  
4px #677DB5 }
```

Background

The CSS property to change the background color of an element to Decimal 6782389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#677DB5 }
```

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

```
.background{ background-color:#677DB5 }
```

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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