

Converting Colors

Decimal(6778823)

Have a look what the booklet for
Decimal(6778823) contains.

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Color

Decimal(6778823)

Conversions

Conversions Part 1

Format	Color
Hex	676FC7
RGB	103, 111, 199
RGB Percent	40%, 44%, 78%
CMY	0.5961, 0.5647, 0.2196
CMYK	0.48, 0.44, 0.00, 0.22
HSL	235°, 46%, 59%
HSV	235°, 48%, 78%
XYZ	21.5868, 18.3760, 56.4420
YIQ	118.6400, -33.0160, 25.6720

Conversions

Conversions Part 2

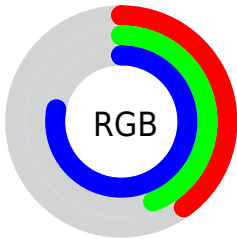
Format	Color
R_{YB}	103, 110, 199
Decimal	6778823
CIE _{Lab}	49.95, 20.80, -46.96
CIE _{LCh}	50, 51.356, 293.890
Yxy	18.3760, 0.2239, 0.1906
Android (android.graphics.Color)	4284968903 (0xFF676FC7)
YUV	118.6400, 39.6175, -13.7163
Hunter-Lab	42.8672, 14.8702, -48.0584

Details

The Decimal color **6778823** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13090663**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10461951**, and **2965648** is the 20% darker color. If you saturate the color by 10%, you get **5463495**, and if you desaturate by 10%, it is **8094151**.

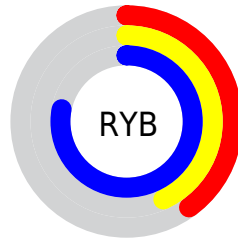
Distribution



Red (40%)

Green (44%)

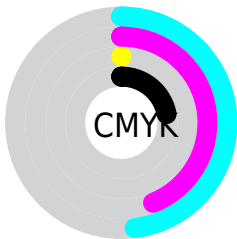
Blue (78%)



Red (40%)

Yellow (43%)

Blue (78%)

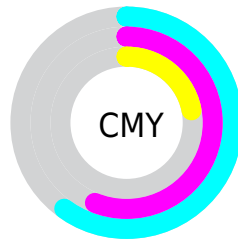


Cyan (48%)

Magenta (44%)

Yellow (0%)

Black (22%)



Cyan (60%)

Magenta (56%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6778823 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 6778823 by changing the saturation by 10% instead.

■ 6778823

■ 6778823

16777215

■ 4937643

■ 10461951

■ 2965648

■ 12303871

■ 76406

■ 14211583

■ 5725

■ 16185087

■ 69

■ 814

■ 280

■ 0

■ 6778823

■ 6778823

■ 5463495

■ 8094151

■ 4148167

■ 9409479

■ 2832583

■ 10725063

■ 1517255

■ 12040391

■ 267463

■ 13355719

■ 4551

■ 14605511

■ 15921095

■ 16777159

Harmonies

Analogous

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



32462



6778823



10706091

Triad

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



6778823



11821104



35692

Complementary

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



6778823



13090663

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.



3245889



6778823



9794070

Square

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



6778823



12931414



7044894



35737

Rectangle

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



6778823



12210576



7044894



35421

Sweetspot

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



6778823



14409471



6801343



6974592



0



8421504

Same Dimension

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



6778823



7043071



9398215



5921379



3747



804

Inverse Universe

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



13068143



16739191



10471271



6511194



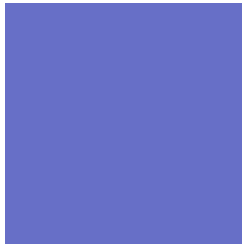
10682382



2359299

Previews

White Background



This preview shows how the Decimal color 6778823 looks on a white background.

Color Contrast Check

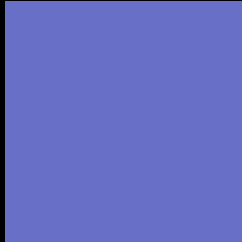
Large Text (above 18pt) WCAG AA ✓ Pass

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 6778823 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 6778823 Background



This preview shows how black text looks on a background with the Decimal color 6778823.



This preview shows how white text looks on a background with the Decimal color 6778823.

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
6778823

Protanomaly
5796554

Deuteranomaly
5207238

Tritanomaly
5994654

Monochromacy



Original Color
6778823

Achromatopsia
7829367

Achromatomaly
7435412

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6778823 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 #676FC7 looks like.

```
.text, #text, p{  
    color:#676FC7  
}
```

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 #676FC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676FC7
}
```

Border

The CSS property to change the border of an element to Decimal 6778823 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".

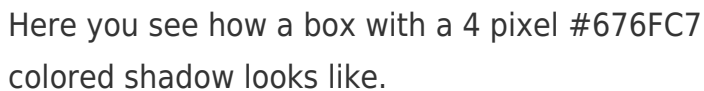
```
.border, #border, table{ border:4px solid
#676FC7 }
```

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

```
.border{ border-color:#676FC7 }
```

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

Here you see how a box with a 4 pixel #676FC7 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676FC7; -webkit-box-shadow:4px 4px  
4px 4px #676FC7; box-shadow:4px 4px 4px  
4px #676FC7 }
```

Background

The CSS property to change the background color of an element to Decimal 6778823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676FC7 }
```

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

```
.background{ background-color:#676FC7 }
```

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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