

Converting Colors

Decimal(6778315)

Have a look what the booklet for
Decimal(6778315) contains.

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Color

Decimal(6778315)

Conversions

Conversions Part 1

Format	Color
Hex	676DCB
RGB	103, 109, 203
RGB Percent	40%, 43%, 80%
CMY	0.5961, 0.5725, 0.2039
CMYK	0.49, 0.46, 0.00, 0.20
HSL	236°, 49%, 60%
HSV	236°, 49%, 80%
XYZ	21.8416, 18.1326, 58.8487
YIQ	117.9220, -33.7500, 27.9620

Conversions

Conversions Part 2

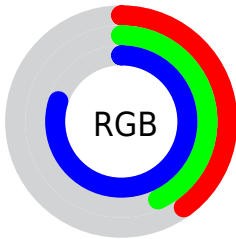
Format	Color
R _Y B	103, 109, 203
Decimal	6778315
CIE Lab	49.66, 23.25, -49.71
CIE LCh	50, 54.882, 295.069
Yxy	18.1326, 0.2210, 0.1835
Android (android.graphics.Color)	4284968395 (0xFF676DCB)
YUV	117.9220, 41.9435, -13.0866
Hunter-Lab	42.5824, 17.0381, -52.1307

Details

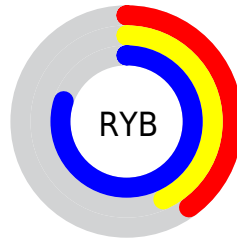
The Decimal color **6778315** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **13354343**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10461439**, and **2899604** is the 20% darker color. If you saturate the color by 10%, you get **5462731**, and if you desaturate by 10%, it is **8093899**.

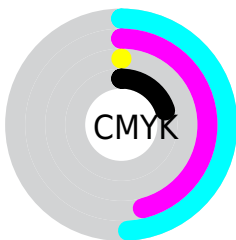
Distribution



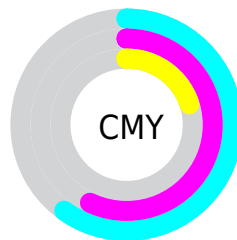
- Red (40%)
- Green (43%)
- Blue (80%)



- Red (40%)
- Yellow (43%)
- Blue (80%)



- Cyan (49%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6778315 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 6778315 by changing the saturation by 10% instead.

■ 6778315

■ 6778315

16777215

■ 4937135

■ 10461439

■ 2899604

■ 12368895

■ 10362

■ 14276607

■ 5472

■ 16249855

■ 72

■ 1073

■ 283

■ 0

■ 6778315

■ 6778315

■ 5462731

■ 8093899

■ 4081611

■ 9475019

■ 2766027

■ 10790603

■ 1450443

■ 12106187

■ 134859

■ 13487307

■ 3275

■ 14802891

■ 16118731

■ 16777163

Harmonies

Analogous

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



32467



6778315



10967212

Triad

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



6778315



11951657



35693

Complementary

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



6778315



13354343

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.



2262845



6778315



9728262

Square

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



6778315



13126737



6782741



35996

Rectangle

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



6778315



12471439



6782741



35420

Sweetspot

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



6778315



14277631



6802372



6908544



0



8421504

Same Dimension

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



6778315



6910719



9594827



6052966



2726



550

Inverse Universe

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



13330285



16738674



10537831



6708316



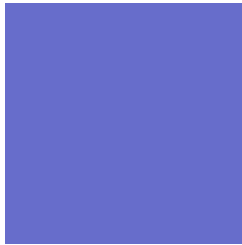
10878986



2490370

Previews

White Background



This preview shows how the Decimal color 6778315 looks on a white background.

Color Contrast Check

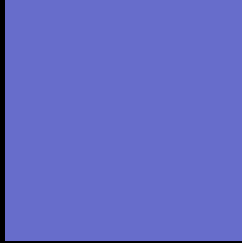
Large Text (above 18pt) WCAG AA ✓ Pass

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 6778315 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 6778315 Background



This preview shows how black text looks on a background with the Decimal color 6778315.



This preview shows how white text looks on a background with the Decimal color 6778315.

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](#).

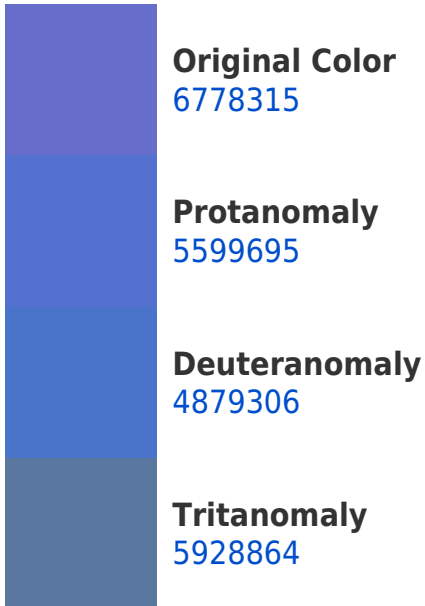
Dichromacy





Tritanopia
5406087

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6778315 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 #676DCB looks like.

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

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 #676DCB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6778315 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
#676DCB }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 6778315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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