

Converting Colors

Decimal(6775168)

Have a look what the booklet for
Decimal(6775168) contains.

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Color

Decimal(6775168)

Conversions

Conversions Part 1

Format	Color
Hex	676180
RGB	103, 97, 128
RGB Percent	40%, 38%, 50%
CMY	0.5961, 0.6196, 0.4980
CMYK	0.20, 0.24, 0.00, 0.50
HSL	252°, 14%, 44%
HSV	252°, 24%, 50%
XYZ	13.7645, 12.9915, 22.2042
YIQ	102.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

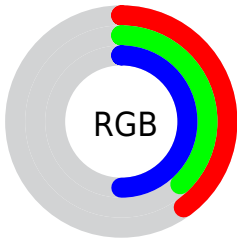
Format	Color
R_{YB}	103, 97, 128
Decimal	6775168
CIE _{Lab}	42.75, 9.33, -16.43
CIE _{LCh}	43, 18.895, 299.607
Yxy	12.9915, 0.2811, 0.2653
Android (android.graphics.Color)	4284965248 (0xFF676180)
YUV	102.3280, 12.6563, 0.5893
Hunter-Lab	36.0437, 5.0898, -11.2942

Details

The Decimal color **6775168** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8028257**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **10130613**, and **3617615** is the 20% darker color. If you saturate the color by 10%, you get **6116480**, and if you desaturate by 10%, it is **7433856**.

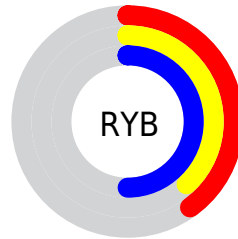
Distribution



Red (40%)

Green (38%)

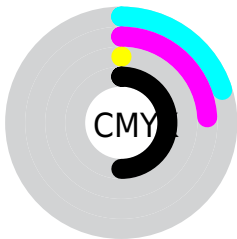
Blue (50%)



Red (40%)

Yellow (38%)

Blue (50%)

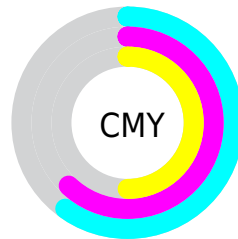


Cyan (20%)

Magenta (24%)

Yellow (0%)

Black (50%)



Cyan (60%)

Magenta (62%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6775168 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 6775168 by changing the saturation by 10% instead.



6775168



6775168

16777215



5196135



10130613



3617615



11906768



2170424



13748973



918562



15591167



10



0



6775168



6775168



6116480



7433856



5392256



8158080

■ 4733824

■ 8816512

■ 4075136

■ 9475200

■ 3350912

■ 10199424

■ 2692224

■ 10858112

■ 2033536

■ 11516800

■ 1638528

■ 12240768

■ 12899456

Harmonies

Analogous

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



5334660



6775168



7953525

Triad

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



6775168



8216395



4025956

Complementary

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



6775168



8028257

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.



5139541



6775168



7365702

Square

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



6775168



8674134



6318410



3501428

Rectangle

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



6775168



8411755



6318410



4353375

Sweetspot

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



6775168



10263206



6388352



5197140



13948116



5526612

Same Dimension

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



6775168



8353446



7758208



3881280



1638528



0

Inverse Universe

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



8413562



10909340



7045217



4208959



8388711



0

Previews

White Background



This preview shows how the Decimal color 6775168 looks on a white background.

Color Contrast Check

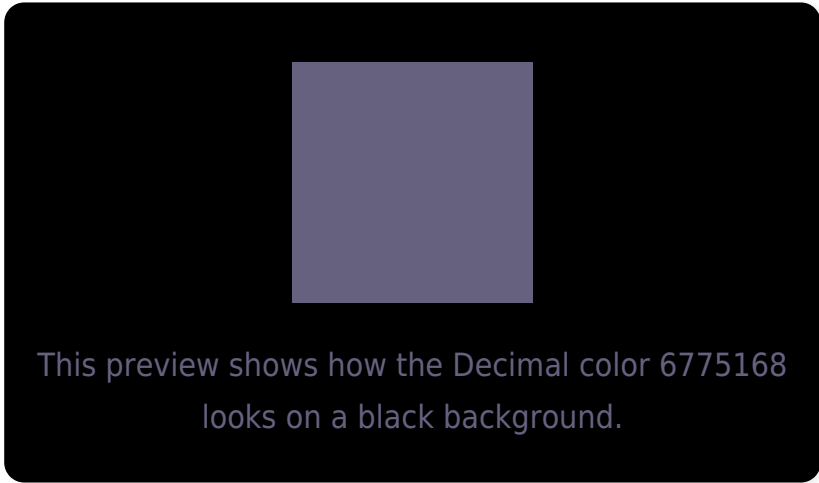
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

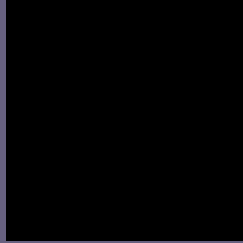
Any Text WCAG AA × Fail

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 6775168 Background



This preview shows how black text looks on a background with the Decimal color 6775168.



This preview shows how white text looks on a background with the Decimal color 6775168.

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
6775168

Protanopia
6120578

Deuteranopia
6382464

Trichromacy



Original Color

6775168

Protanomaly

6382465

Deuteranomaly

6513280

Tritanomaly

6644852

Monochromacy



Original Color

6775168

Achromatopsia

6710886

Achromatomaly

6710383

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6775168 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 #676180 looks like.

```
.text, #text, p{  
    color:#676180  
}
```

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 #676180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676180
}
```

Border

The CSS property to change the border of an element to Decimal 6775168 is called "border". The border property can be set on classes, ids or directly on the HTML element.

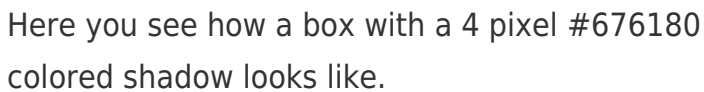
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676180 }
```

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

```
.border{ border-color:#676180 }
```

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



Here you see how a box with a 4 pixel #676180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676180; -webkit-box-shadow:4px 4px  
4px 4px #676180; box-shadow:4px 4px 4px  
4px #676180 }
```

Background

The CSS property to change the background color of an element to Decimal 6775168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676180 }
```

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

```
.background{ background-color:#676180 }
```

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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