

Converting Colors

Decimal(6778256)

Have a look what the booklet for
Decimal(6778256) contains.

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Color

Decimal(6778256)

Conversions

Conversions Part 1

Format	Color
Hex	676D90
RGB	103, 109, 144
RGB Percent	40%, 43%, 56%
CMY	0.5961, 0.5725, 0.4353
CMYK	0.28, 0.24, 0.00, 0.44
HSL	231°, 17%, 48%
HSV	231°, 28%, 56%
XYZ	16.0962, 15.8345, 28.5936
YIQ	111.1960, -14.8110, 9.6130

Conversions

Conversions Part 2

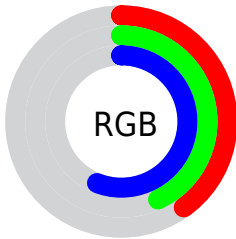
Format	Color
R_{YB}	103, 108, 144
Decimal	6778256
CIE Lab	46.76, 6.13, -19.87
CIE LCh	47, 20.798, 287.134
Yxy	15.8345, 0.2659, 0.2616
Android (android.graphics.Color)	4284968336 (0xFF676D90)
YUV	111.1960, 16.1724, -7.1879
Hunter-Lab	39.7925, 2.5668, -14.7490

Details

The Decimal color **6778256** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9472615**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **10199238**, and **3554909** is the 20% darker color. If you saturate the color by 10%, you get **5857680**, and if you desaturate by 10%, it is **7698832**.

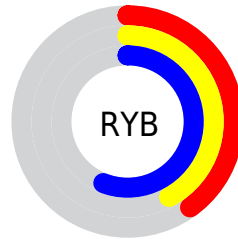
Distribution



Red (40%)

Green (43%)

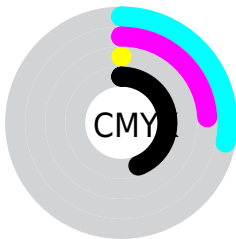
Blue (56%)



Red (40%)

Yellow (42%)

Blue (56%)

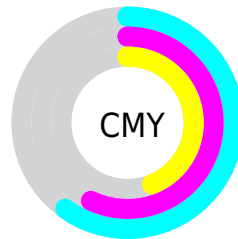


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6778256 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 6778256 by changing the saturation by 10% instead.

■ 6778256

■ 6778256

16777215

■ 5133686

■ 10199238

■ 3554909

■ 11975650

■ 2041926

■ 13817855

■ 529455

■ 15660031

■ 282

■ 0

■ 6778256

■ 6778256

■ 5857680

■ 7698832

■ 4871312

■ 8685200

■ 3950736

■ 9605776

■ 2964624

■ 10591888

■ 2044048

■ 11512464

■ 1123216

■ 12433296

■ 137104

■ 13419408

■ 5520

■ 14339984

■ 15326352

Harmonies

Analogous

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



5141392



6778256



8284039

Triad

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



6778256



9332310



4814950

Complementary

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



6778256



9472615

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.



6124887



6778256



8547149

Square

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



6778256



9593445



7434573



3897464

Rectangle

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



6778256



9004157



7434573



5273441

Sweetspot

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



6778256



11119802



6787210



5526878



14606046



6184542

Same Dimension

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



6778256



8094906



7694224



4211015



5255



264

Inverse Universe

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



9463661



12221316



8556647



4669505



8847380



524289

Previews

White Background



This preview shows how the Decimal color 6778256 looks on a white background.

Color Contrast Check

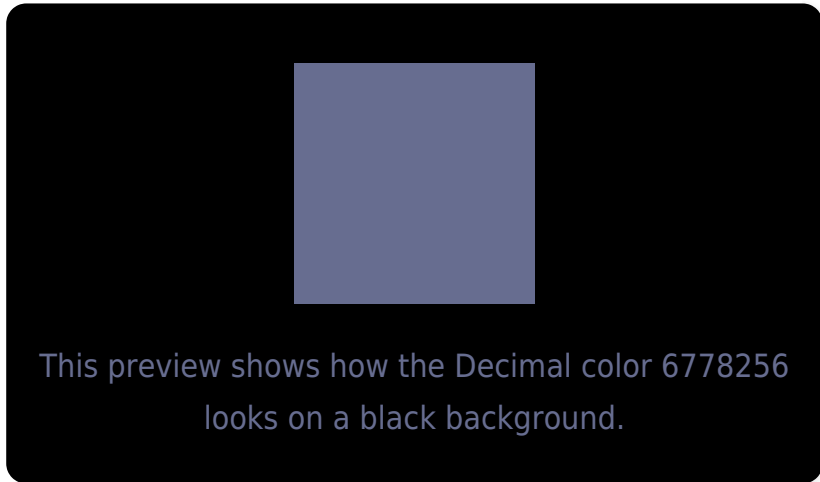
Large Text (above 18pt) WCAG AA ✓ Pass

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

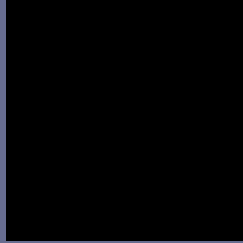
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

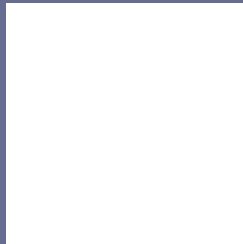
Any Text WCAG AAA × Fail

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

Decimal 6778256 Background



This preview shows how black text looks on a background with the Decimal color 6778256.



This preview shows how white text looks on a background with the Decimal color 6778256.

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](#).

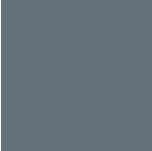
Dichromacy



Original Color
6778256

Protanopia
6647184

Deuteranopia
6843792



Tritanopia
6451578

Trichromacy



Original Color

6778256

Protanomaly

6712720

Deuteranomaly

6843792

Tritanomaly

6582402

Monochromacy



Original Color

6778256

Achromatopsia

7303023

Achromatomaly

7106171

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6778256 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 #676D90 looks like.

```
.text, #text, p{  
    color:#676D90  
}
```

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 #676D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676D90
}
```

Border

The CSS property to change the border of an element to Decimal 6778256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

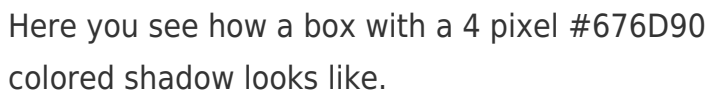
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676D90 }
```

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

```
.border{ border-color:#676D90 }
```

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



Here you see how a box with a 4 pixel #676D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676D90; -webkit-box-shadow:4px 4px  
4px 4px #676D90; box-shadow:4px 4px 4px  
4px #676D90 }
```

Background

The CSS property to change the background color of an element to Decimal 6778256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676D90 }
```

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

```
.background{ background-color:#676D90 }
```

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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