

Converting Colors

Decimal(3765958)

Have a look what the booklet for
Decimal(3765958) contains.

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Color

Decimal(3765958)

Conversions

Conversions Part 1

Format	Color
Hex	3976C6
RGB	57, 118, 198
RGB Percent	22%, 46%, 78%
CMY	0.7765, 0.5373, 0.2235
CMYK	0.71, 0.40, 0.00, 0.22
HSL	214°, 55%, 50%
HSV	214°, 71%, 78%
XYZ	18.3588, 17.9039, 55.9143
YIQ	108.8810, -62.0360, 11.9480

Conversions

Conversions Part 2

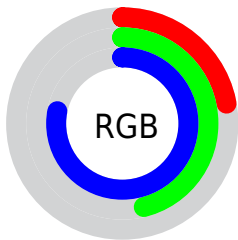
Format	Color
R _Y B	57, 100, 198
Decimal	3765958
CIE Lab	49.38, 7.22, -47.44
CIE LCh	49, 47.982, 278.654
Yxy	17.9039, 0.1992, 0.1942
Android (android.graphics.Color)	4281956038 (0xFF3976C6)
YUV	108.8810, 43.9357, -45.4996
Hunter-Lab	42.3130, 3.3999, -48.7292

Details

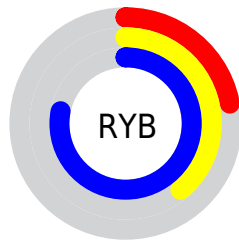
The Decimal color **3765958** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **13011257**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **7908095**, and **18064** is the 20% darker color. If you saturate the color by 10%, you get **2452422**, and if you desaturate by 10%, it is **5079494**.

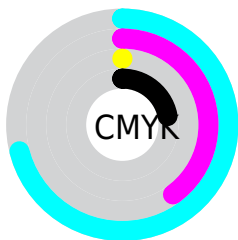
Distribution



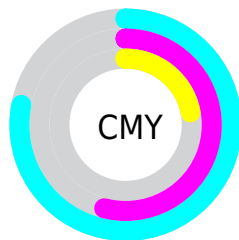
- Red (22%)
- Green (46%)
- Blue (78%)



- Red (22%)
- Yellow (39%)
- Blue (78%)



- Cyan (71%)
- Magenta (40%)
- Yellow (0%)
- Black (22%)



- Cyan (78%)
- Magenta (54%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3765958 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 3765958 by changing the saturation by 10% instead.

■ 3765958

■ 3765958

16777215

■ 286378

■ 7908095

■ 18064

■ 9881087

■ 12661

■ 11788799

■ 7516

■ 13762047

■ 1092

■ 15728639

■ 813

■ 279

■ 0

■ 3765958

■ 3765958

■ 2452422

■ 5079494

■ 1138886

■ 6393030

■ 22214

■ 7641286

■ 8954822

■ 10268358

■ 11581894

■ 12895686

■ 14143686

■ 15457222

Harmonies

Analogous

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



33473



3765958



8873653

Triad

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



3765958



12212549



34646

Complementary

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



3765958



13011257

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.



5538098



3765958



10709287

Square

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



3765958



12603499



8419101



35200

Rectangle

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



3765958



10836640



8419101



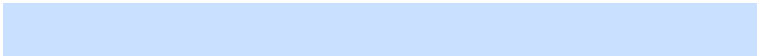
2786889

Sweetspot

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



3765958



13230591



3786377



6319488



0



8421504

Same Dimension

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



3765958



2524415



4340166



5922403



18339



3876

Inverse Universe

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



12990838



16721540



12437049



6511198



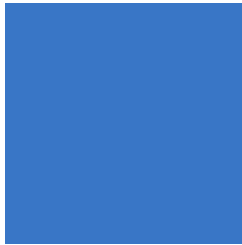
10682439



2359311

Previews

White Background



This preview shows how the Decimal color 3765958 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 3765958 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 3765958 Background



This preview shows how black text looks on a background with the Decimal color 3765958.



This preview shows how white text looks on a background with the Decimal color 3765958.

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
3765958

Protanomaly
4879299

Deuteranomaly
3831494

Monochromacy



Original Color
3765958

Achromatopsia
7171437

Achromatomaly
5927053

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3765958 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 #3976C6 looks like.

```
.text, #text, p{  
    color:#3976C6  
}
```

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 #3976C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3976C6
}
```

Border

The CSS property to change the border of an element to Decimal 3765958 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
#3976C6 }
```

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

```
.border{ border-color:#3976C6 }
```

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

Here you see how a box with a 4 pixel #3976C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3976C6; -webkit-box-shadow:4px 4px  
4px 4px #3976C6; box-shadow:4px 4px 4px  
4px #3976C6 }
```

Background

The CSS property to change the background color of an element to Decimal 3765958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3976C6 }
```

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

```
.background{ background-color:#3976C6 }
```

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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