

Converting Colors

Decimal(3700191)

Have a look what the booklet for
Decimal(3700191) contains.

Decimal(3700191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(3700191)

Conversions

Conversions Part 1

Format	Color
Hex	3875DF
RGB	56, 117, 223
RGB Percent	22%, 46%, 87%
CMY	0.7804, 0.5412, 0.1255
CMYK	0.75, 0.48, 0.00, 0.13
HSL	218°, 72%, 55%
HSV	218°, 75%, 87%
XYZ	21.3115, 18.8910, 72.3351
YIQ	110.8450, -70.3820, 20.0340

Conversions

Conversions Part 2

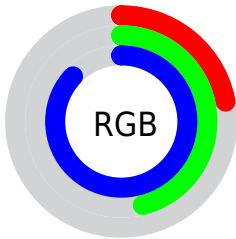
Format	Color
R_{YB}	56, 101, 223
Decimal	3700191
CIE Lab	50.56, 16.86, -59.75
CIE LCh	51, 62.089, 285.760
Yxy	18.8910, 0.1894, 0.1679
Android (android.graphics.Color)	4281890271 (0xFF3875DF)
YUV	110.8450, 55.2924, -48.0991
Hunter-Lab	43.4638, 11.4615, -68.2493

Details

The Decimal color **3700191** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **14656056**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **8169727**, and **18087** is the 20% darker color. If you saturate the color by 10%, you get **2254815**, and if you desaturate by 10%, it is **5145567**.

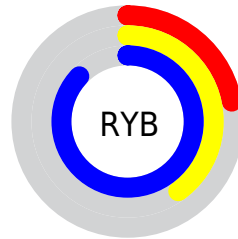
Distribution



Red (22%)

Green (46%)

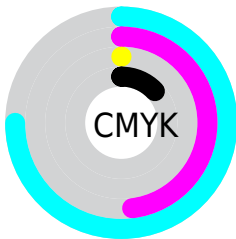
Blue (87%)



Red (22%)

Yellow (40%)

Blue (87%)

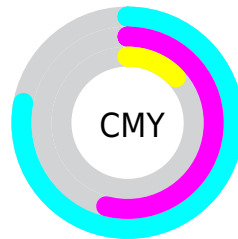


Cyan (75%)

Magenta (48%)

Yellow (0%)

Black (13%)



Cyan (78%)

Magenta (54%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3700191 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 3700191 by changing the saturation by 10% instead.

■ 3700191

■ 3700191

16777215

■ 24003

■ 8169727

■ 18087

■ 10208511

■ 12428

■ 12247039

■ 7538

■ 14220543

■ 601

■ 16252927

■ 1856

■ 809

■ 275

■ 0

■ 3700191

■ 3700191

■ 2254815

■ 5145567

■ 743903

■ 6656479

■ 20959

■ 8101855

■ 9547487

■ 11058399

■ 12503775

■ 13949151

■ 15394527

■ 16774367

Harmonies

Analogous

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



34527



3700191



10313155

Triad

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



3700191



13063469



36700

Complementary

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



3700191



14656056

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.



3508519



3700191



10841344

Square

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



3700191



14041439



7831040



37012

Rectangle

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



3700191



12536997



7831040



36170

Sweetspot

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



3700191



13097983



3727266



6187648



0



8421504

Same Dimension

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



3700191



1666559



5126367



6646128



16560



4656

Inverse Universe

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



14628981



16718189



13229880



7365993



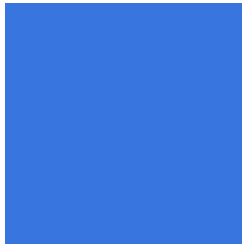
11534400



3145746

Previews

White Background



This preview shows how the Decimal color 3700191 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 3700191 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 3700191 Background



This preview shows how black text looks on a background with the Decimal color 3700191.



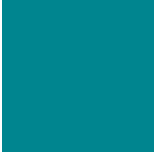
This preview shows how white text looks on a background with the Decimal color 3700191.

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](#).

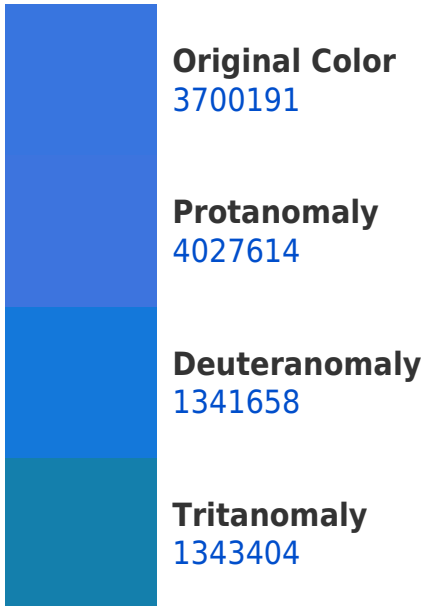
Dichromacy





Tritanopia
34191

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3700191 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 #3875DF looks like.

```
.text, #text, p{  
    color:#3875DF  
}
```

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 #3875DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3875DF
}
```

Border

The CSS property to change the border of an element to Decimal 3700191 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
#3875DF }
```

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

```
.border{ border-color:#3875DF }
```

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

Here you see how a box with a 4 pixel #3875DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3875DF; -webkit-box-shadow:4px 4px  
4px 4px #3875DF; box-shadow:4px 4px 4px  
4px #3875DF }
```

Background

The CSS property to change the background color of an element to Decimal 3700191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3875DF }
```

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

```
.background{ background-color:#3875DF }
```

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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