

Converting Colors

Decimal(3759020)

Have a look what the booklet for
Decimal(3759020) contains.

Decimal(3759020)	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(3759020)

Conversions

Conversions Part 1

Format	Color
Hex	395BAC
RGB	57, 91, 172
RGB Percent	22%, 36%, 67%
CMY	0.7765, 0.6431, 0.3255
CMYK	0.67, 0.47, 0.00, 0.33
HSL	222°, 50%, 45%
HSV	222°, 67%, 67%
XYZ	12.8748, 11.3306, 40.5382
YIQ	90.0680, -46.2650, 17.9830

Conversions

Conversions Part 2

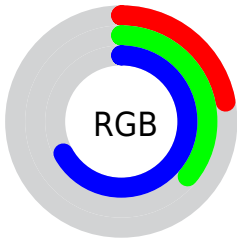
Format	Color
R_{YB}	57, 83, 172
Decimal	3759020
CIE _{Lab}	40.13, 14.84, -47.10
CIE _{LCh}	40, 49.382, 287.487
Yxy	11.3306, 0.1989, 0.1750
Android (android.graphics.Color)	4281949100 (0xFF395BAC)
YUV	90.0680, 40.3925, -29.0006
Hunter-Lab	33.6609, 9.3670, -47.8408

Details

The Decimal color **3759020** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **11307577**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **7638500**, and **11895** is the 20% darker color. If you saturate the color by 10%, you get **2641836**, and if you desaturate by 10%, it is **4876204**.

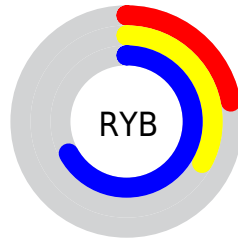
Distribution



Red (22%)

Green (36%)

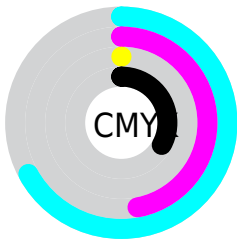
Blue (67%)



Red (22%)

Yellow (33%)

Blue (67%)

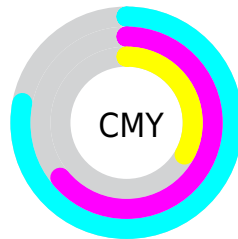


Cyan (67%)

Magenta (47%)

Yellow (0%)

Black (33%)



Cyan (78%)

Magenta (64%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3759020 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 3759020 by changing the saturation by 10% instead.

■ 3759020

■ 3759020

16777215

■ 1197201

■ 7638500

■ 11895

■ 9545727

■ 6750

■ 11387647

■ 70

■ 13295359

■ 1070

■ 15268607

■ 281

■ 0

■ 3759020

■ 3759020

■ 2641836

■ 4876204

■ 1524652

■ 5993388

■ 341932

■ 7176108

■ 13228

■ 8293292

■ 9410732

■ 10527916

■ 11645100

■ 12827820

■ 13945004

Harmonies

Analogous

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



26798



3759020



8276374

Triad

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



3759020



10110244



28748

Complementary

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



3759020



11307577

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.



2714660



3759020



8410881

Square

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



3759020



10893129



6054912



29046

Rectangle

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



3759020



9846142



6054912



28478

Sweetspot

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



3759020



11846112



3779722



5594480



15790320



7368816

Same Dimension

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



3759020



2974432



5257644



5132631



11414



1815

Inverse Universe

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



11286875



14691682



9808953



5721681



9830444



1507335

Previews

White Background



This preview shows how the Decimal color 3759020 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 3759020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

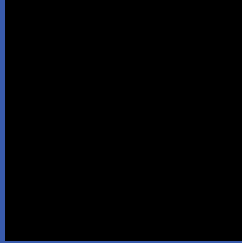
Any Text WCAG AA × Fail

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 3759020 Background



This preview shows how black text looks on a background with the Decimal color 3759020.



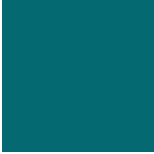
This preview shows how white text looks on a background with the Decimal color 3759020.

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](#).

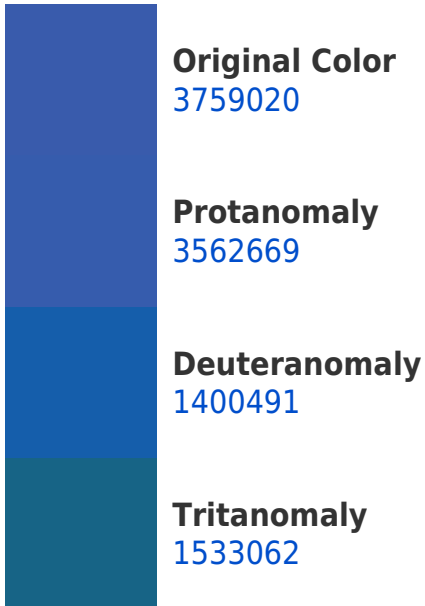
Dichromacy





Tritanopia
289137

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3759020 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 #395BAC looks like.

```
.text, #text, p{  
    color:#395BAC  
}
```

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 #395BAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #395BAC
}
```

Border

The CSS property to change the border of an element to Decimal 3759020 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
#395BAC }
```

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

```
.border{ border-color:#395BAC }
```

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

Here you see how a box with a 4 pixel #395BAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #395BAC; -webkit-box-shadow:4px 4px  
4px 4px #395BAC; box-shadow:4px 4px 4px  
4px #395BAC }
```

Background

The CSS property to change the background color of an element to Decimal 3759020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#395BAC }
```

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

```
.background{ background-color:#395BAC }
```

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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