

Converting Colors

Decimal(3689940)

Have a look what the booklet for
Decimal(3689940) contains.

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Color

Decimal(3689940)

Conversions

Conversions Part 1

Format	Color
Hex	384DD4
RGB	56, 77, 212
RGB Percent	22%, 30%, 83%
CMY	0.7804, 0.6980, 0.1686
CMYK	0.74, 0.64, 0.00, 0.17
HSL	232°, 64%, 53%
HSV	232°, 74%, 83%
XYZ	16.1684, 10.9020, 63.5395
YIQ	86.1110, -55.8510, 37.5330

Conversions

Conversions Part 2

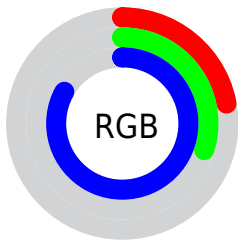
Format	Color
RYB	56, 75, 212
Decimal	3689940
CIELab	39.41, 38.19, -71.59
CIELCh	39, 81.136, 298.075
Yxy	10.9020, 0.1784, 0.1203
Android (android.graphics.Color)	4281880020 (0xFF384DD4)
YUV	86.1110, 62.0633, -26.4073
Hunter-Lab	33.0181, 29.6267, -90.9839

Details


The Decimal color **3689940** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark muted blue. A complement of this color would be **13942584**, and the grayscale version is **5658198**.

A 20% lighter version of the original color is **8158975**, and **8604** is the 20% darker color. If you saturate the color by 10%, you get **2309076**, and if you desaturate by 10%, it is **5070804**.

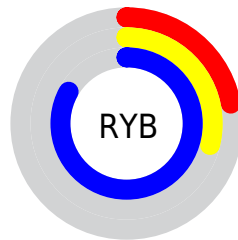
Distribution



 Red (22%)

 Green (30%)

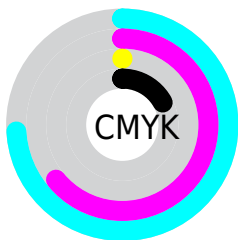
 Blue (83%)




 Red (22%)

 Yellow (29%)

 Blue (83%)

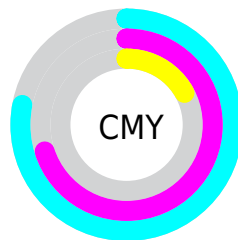


 Cyan (74%)

 Magenta (64%)

 Yellow (0%)

 Black (17%)



 Cyan (78%)

 Magenta (70%)

 Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3689940 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 3689940 by changing the saturation by 10% instead.

■ 3689940

■ 3689940

16777215

■ 14008

■ 8158975

■ 8604

■ 10197247

■ 3969

■ 12235775

■ 103

■ 14208767

■ 2638

■ 16247807

■ 1334

■ 544

■ 4

■ 0

■ 3689940

■ 3689940

■ 2309076

■ 5070804

■ 927956

■ 6451924

■ 7636

■ 7898324

■ 9279188

■ 10660308

■ 12041172

■ 13422036

■ 14868692

■ 16249556

Harmonies

Analogous

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



26852



3689940



10751908

Triad

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



3689940



10893312



30295

Complementary

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



3689940



13942584

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.



29187



3689940



7756032

Square

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



3689940



12910628



3303936



30618

Rectangle

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



3689940



12648570



3303936



30015

Sweetspot

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



3689940



13094655



3724477



6185856



0



8421504

Same Dimension

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



3689940



2047487



7289044



6316651



6059



1579

Inverse Universe

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



13908045



16719677



10343480



7037026



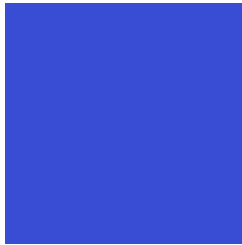
11206679



2818054

Previews

White Background



This preview shows how the Decimal color 3689940 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 3689940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

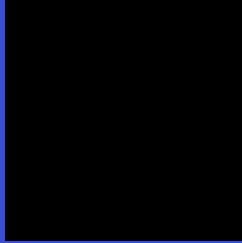
Any Text WCAG AA × Fail

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 3689940 Background



This preview shows how black text looks on a background with the Decimal color 3689940.

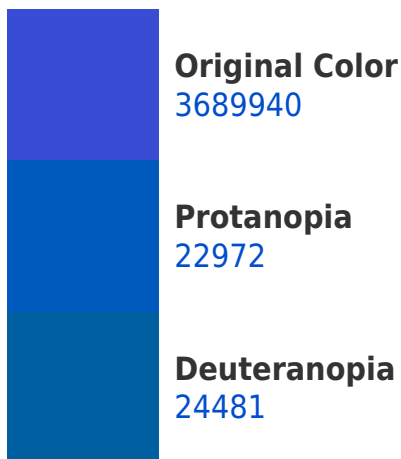


This preview shows how white text looks on a background with the Decimal color 3689940.

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
3689940

Protanomaly
1332677

Deuteranomaly
1333428

Tritanomaly
1334674

Monochromacy



Original Color
3689940

Achromatopsia
5658198

Achromatomaly
4936580

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3689940 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 #384DD4 looks like.

```
.text, #text, p{  
    color:#384DD4  
}
```

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 #384DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384DD4
}
```

Border

The CSS property to change the border of an element to Decimal 3689940 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
#384DD4 }
```

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

```
.border{ border-color:#384DD4 }
```

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

Here you see how a box with a 4 pixel #384DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384DD4; -webkit-box-shadow:4px 4px  
4px 4px #384DD4; box-shadow:4px 4px 4px  
4px #384DD4 }
```

Background

The CSS property to change the background color of an element to Decimal 3689940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384DD4 }
```

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

```
.background{ background-color:#384DD4 }
```

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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