

Converting Colors

Decimal(3948220)

Have a look what the booklet for
Decimal(3948220) contains.

Decimal(3948220)	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(3948220)

Conversions

Conversions Part 1

Format	Color
Hex	3C3EBC
RGB	60, 62, 188
RGB Percent	24%, 24%, 74%
CMY	0.7647, 0.7569, 0.2627
CMYK	0.68, 0.67, 0.00, 0.26
HSL	239°, 52%, 49%
HSV	239°, 68%, 74%
XYZ	12.6632, 8.0367, 48.4608
YIQ	75.7660, -41.6380, 38.7620

Conversions

Conversions Part 2

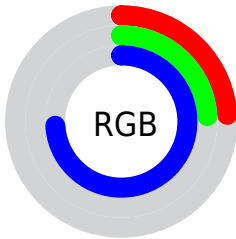
Format	Color
R _{YB}	60, 62, 188
Decimal	3948220
CIE _{Lab}	34.06, 39.60, -66.39
CIE _{LCh}	34, 77.303, 300.813
Yxy	8.0367, 0.1831, 0.1162
Android (android.graphics.Color)	4282138300 (0xFF3C3EBC)
YUV	75.7660, 55.3314, -13.8268
Hunter-Lab	28.3492, 30.1226, -81.5074

Details

The Decimal color **3948220** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **12368444**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **8089333**, and **4997** is the 20% darker color. If you saturate the color by 10%, you get **2698172**, and if you desaturate by 10%, it is **5198268**.

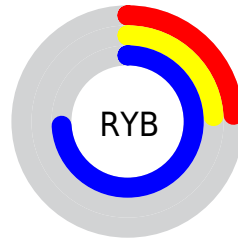
Distribution



Red (24%)

Green (24%)

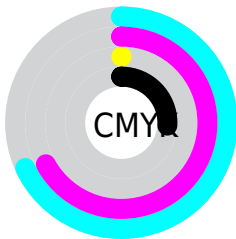
Blue (74%)



Red (24%)

Yellow (24%)

Blue (74%)

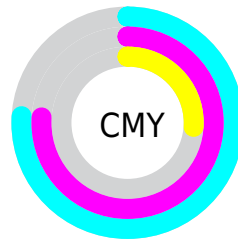


Cyan (68%)

Magenta (67%)

Yellow (0%)

Black (26%)



Cyan (76%)

Magenta (76%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3948220 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 3948220 by changing the saturation by 10% instead.

 3948220

 3948220

16777215

 796832

 8089333

 4997

 10062079

 107

 11969279

 82

 13942271

 1338

 15981055

 547

 16774911

 11

 0

 3948220

 3948220

■ 2698172

■ 5198268

■ 1448380

■ 6448060

■ 263868

■ 7632572

■ 956

■ 8882364

■ 10132412

■ 11382204

■ 12632252

■ 13816508

■ 15066556

Harmonies

Analogous

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



22990



3948220



9830541

Triad

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



3948220



9449728



26448

Complementary

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



3948220



12368444

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.



25605



3948220



6377216

Square

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



3948220



11403286



1793280



26766

Rectangle

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



3948220



11403366



1793280



26170

Sweetspot

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



3948220



12895733



3980474



6118778



16448250



8026746

Same Dimension

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



3948220



2895861



8010940



5592414



670



31

Inverse Universe

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



12336190



16067631



8305724



6182229



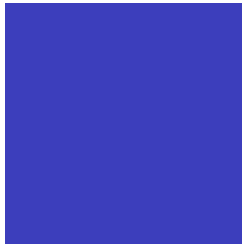
10354690



2031616

Previews

White Background



This preview shows how the Decimal color 3948220 looks on a white background.

Color Contrast Check

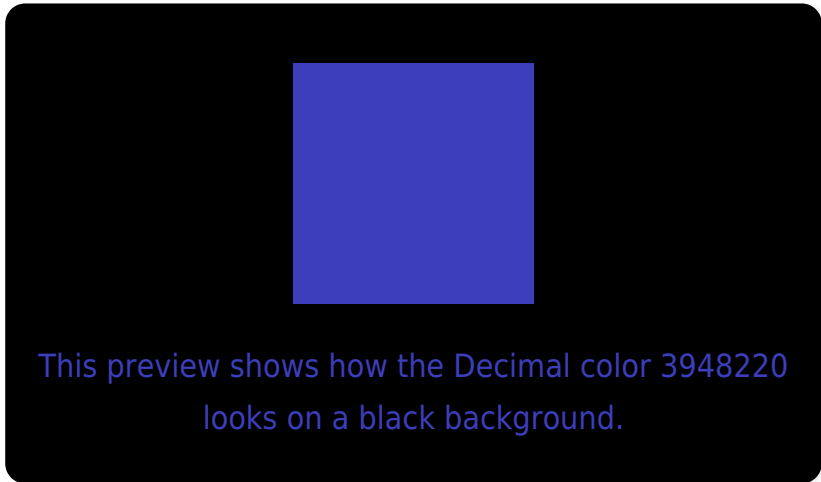
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

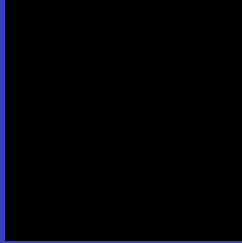
Any Text WCAG AA × Fail

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 3948220 Background



This preview shows how black text looks on a background with the Decimal color 3948220.



This preview shows how white text looks on a background with the Decimal color 3948220.

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
3948220

Protanomaly
1460396

Deuteranomaly
1461149

Tritanomaly
1462145

Monochromacy



Original Color
3948220

Achromatopsia
5000268

Achromatomaly
4605813

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3948220 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 #3C3EBC looks like.

```
.text, #text, p{  
    color:#3C3EBC  
}
```

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 #3C3EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3EBC
}
```

Border

The CSS property to change the border of an element to Decimal 3948220 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
#3C3EBC }
```

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

```
.border{ border-color:#3C3EBC }
```

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

Here you see how a box with a 4 pixel #3C3EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3EBC; -webkit-box-shadow:4px 4px  
4px 4px #3C3EBC; box-shadow:4px 4px 4px  
4px #3C3EBC }
```

Background

The CSS property to change the background color of an element to Decimal 3948220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3EBC }
```

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

```
.background{ background-color:#3C3EBC }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor