

Converting Colors

Decimal(3688596)

Have a look what the booklet for
Decimal(3688596) contains.

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Color

Decimal(3688596)

Conversions

Conversions Part 1

Format	Color
Hex	384894
RGB	56, 72, 148
RGB Percent	22%, 28%, 58%
CMY	0.7804, 0.7176, 0.4196
CMYK	0.62, 0.51, 0.00, 0.42
HSL	230°, 45%, 40%
HSV	230°, 62%, 58%
XYZ	9.2935, 7.6136, 28.9967
YIQ	75.8800, -33.9320, 20.2440

Conversions

Conversions Part 2

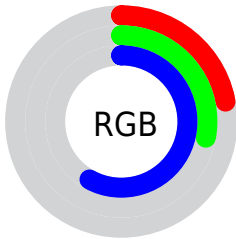
Format	Color
RYB	56, 70, 148
Decimal	3688596
CIELab	33.16, 18.43, -43.91
CIELCh	33, 47.619, 292.771
Yxy	7.6136, 0.2025, 0.1659
Android (android.graphics.Color)	4281878676 (0xFF384894)
YUV	75.8800, 35.5552, -17.4348
Hunter-Lab	27.5928, 11.8335, -42.9919

Details

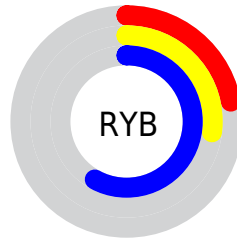
The Decimal color **3688596** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **9733176**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **7370955**, and **7520** is the 20% darker color. If you saturate the color by 10%, you get **2702484**, and if you desaturate by 10%, it is **4674708**.

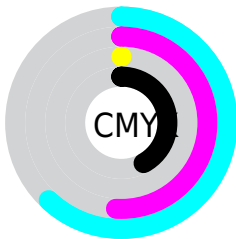
Distribution



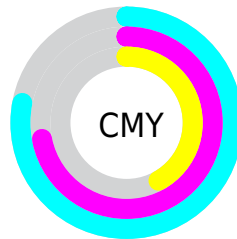
- Red (22%)
- Green (28%)
- Blue (58%)



- Red (22%)
- Yellow (27%)
- Blue (58%)



- Cyan (62%)
- Magenta (51%)
- Yellow (0%)
- Black (42%)



- Cyan (78%)
- Magenta (72%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3688596 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 3688596 by changing the saturation by 10% instead.

■ 3688596

■ 3688596

16777215

■ 1520250

■ 7370955

■ 7520

■ 9147111

■ 1352

■ 10988799

■ 1073

■ 12896511

■ 283

■ 14804223

■ 0

16711679

■ 3688596

■ 3688596

■ 2702484

■ 4674708

■ 1716372

■ 5660820

■ 795540

■ 6581652

■ 6804

■ 7567764

■ 8553876

■ 9539988

■ 10526356

■ 11446932

■ 12433044

Harmonies

Analogous

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



21913



3688596



7484796

Triad

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



3688596



8468752



24131

Complementary

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



3688596



9733176

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.



219932



3688596



6768896

Square

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



3688596



9381939



4412672



24426

Rectangle

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



3688596



8792421



4412672



24118

Sweetspot

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



3688596



10199487



3708035



4935265



14737632



6381921

Same Dimension

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



3688596



3164607



5585044



4408394



6282



522

Inverse Universe

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



9713736



12529737



7836728



4866884



9043992



655362

Previews

White Background



This preview shows how the Decimal color 3688596 looks on a white background.

Color Contrast Check

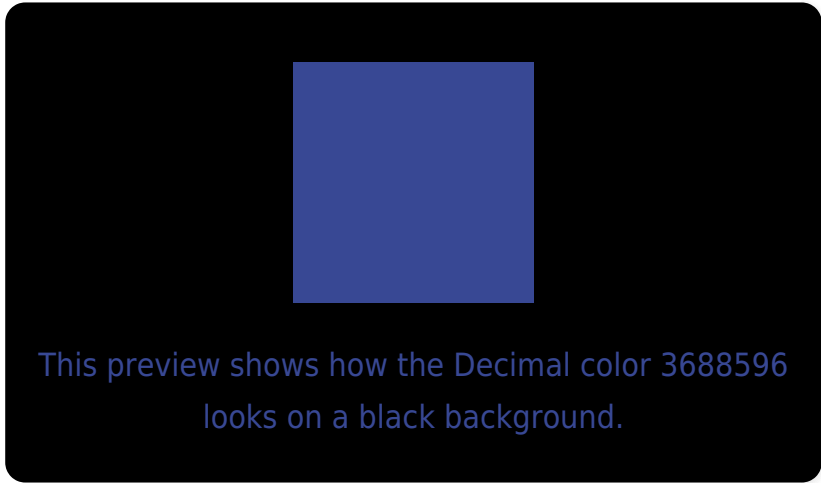
Large Text (above 18pt) WCAG AA ✓ Pass

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

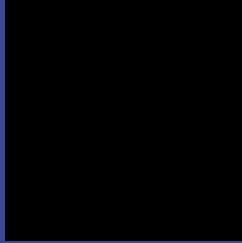
Any Text WCAG AA × Fail

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 3688596 Background



This preview shows how black text looks on a background with the Decimal color 3688596.



This preview shows how white text looks on a background with the Decimal color 3688596.

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



Original Color
3688596

Protanopia
2116503

Deuteranopia
20363



Tritanopia
1791581

Trichromacy



Original Color
3688596

Protanomaly
2706070

Deuteranomaly
1330318

Tritanomaly
2511217

Monochromacy



Original Color
3688596

Achromatopsia
5000268

Achromatomaly
4541286

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3688596 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 #384894 looks like.

```
.text, #text, p{  
  color:#384894  
}
```

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 #384894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #384894
}
```

Border

The CSS property to change the border of an element to Decimal 3688596 is called "border". The border property can be set on classes, ids or directly on the HTML element.

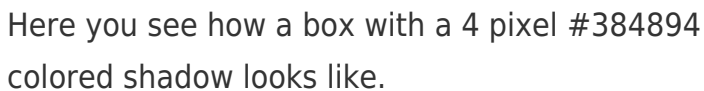
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#384894 }
```

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

```
.border{ border-color:#384894 }
```

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



Here you see how a box with a 4 pixel #384894 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #384894; -webkit-box-shadow:4px 4px  
4px 4px #384894; box-shadow:4px 4px 4px  
4px #384894 }
```

Background

The CSS property to change the background color of an element to Decimal 3688596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#384894 }
```

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

```
.background{ background-color:#384894 }
```

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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