

Converting Colors

Decimal(3684452)

Have a look what the booklet for
Decimal(3684452) contains.

Decimal(3684452)	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(3684452)

Conversions

Conversions Part 1

Format	Color
Hex	383864
RGB	56, 56, 100
RGB Percent	22%, 22%, 39%
CMY	0.7804, 0.7804, 0.6078
CMYK	0.44, 0.44, 0.00, 0.61
HSL	240°, 28%, 31%
HSV	240°, 44%, 39%
XYZ	5.3453, 4.5892, 12.6607
YIQ	61.0160, -14.1240, 13.6840

Conversions

Conversions Part 2

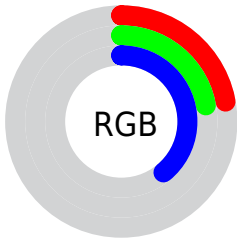
Format	Color
R_{YB}	56, 56, 100
Decimal	3684452
CIE _{Lab}	25.53, 12.55, -26.01
CIE _{LCh}	26, 28.883, 295.759
Yxy	4.5892, 0.2366, 0.2031
Android (android.graphics.Color)	4281874532 (0xFF383864)
YUV	61.0160, 19.2191, -4.3990
Hunter-Lab	21.4224, 7.0500, -20.0447

Details

The Decimal color **3684452** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6579256**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **6907799**, and **527925** is the 20% darker color. If you saturate the color by 10%, you get **3026532**, and if you desaturate by 10%, it is **4342372**.

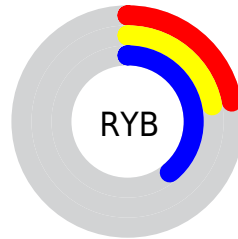
Distribution



 Red (22%)

 Green (22%)

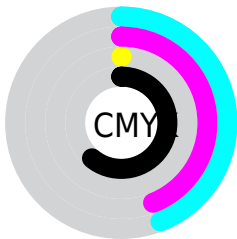
 Blue (39%)




 Red (22%)

 Yellow (22%)

 Blue (39%)

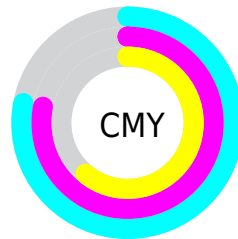


 Cyan (44%)

 Magenta (44%)

 Yellow (0%)

 Black (61%)



 Cyan (78%)

 Magenta (78%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3684452 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 3684452 by changing the saturation by 10% instead.

■ 3684452

■ 3684452

16777215

■ 2106188

■ 6907799

■ 527925

■ 8618162

■ 543

■ 10394318

■ 3

■ 12170730

■ 0

■ 14012671

■ 15920383

■ 3684452

■ 3684452

■ 3026532

■ 4342372

■ 2368612

■ 5000292

■ 1710692

■ 5658212

■ 1052772

■ 6316132

■ 394852

■ 6974052

■ 100

■ 7631972

■ 8289892

■ 8947812

■ 9605732

Harmonies

Analogous

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



16488



3684452



5517141

Triad

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



3684452



5976601



18233

Complementary

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



3684452



6579256

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.



1656099



3684452



4930062

Square

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



3684452



6564651



3555602



18255

Rectangle

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



3684452



6236744



3555602



18225

Sweetspot

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



3684452



7434626



3695716



3684418



12763842



4342338

Same Dimension

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



3684452



4013442



5126244



3026483



115



242

Inverse Universe

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



6568036



8535426



5137464



3354163



7536755



15859954

Previews

White Background



This preview shows how the Decimal color 3684452 looks on a white background.

Color Contrast Check

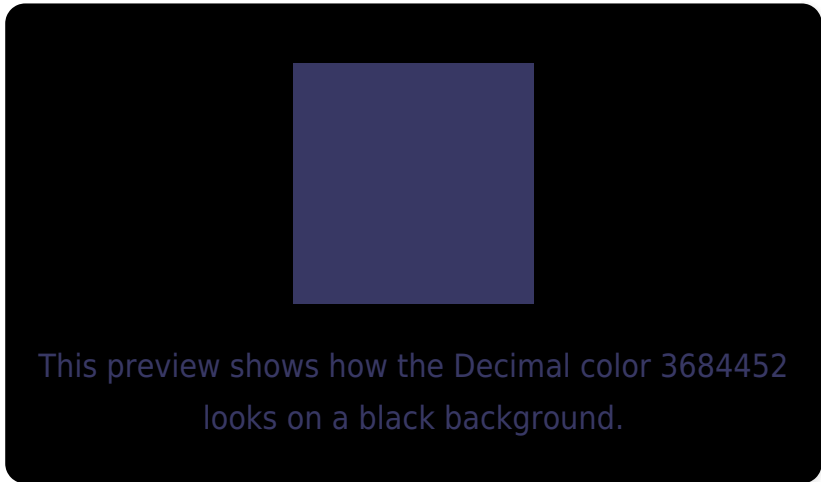
Large Text (above 18pt) WCAG AA ✓ Pass

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

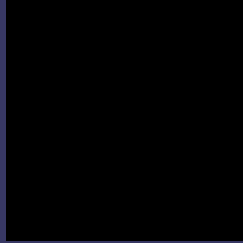
Any Text WCAG AA × Fail

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 3684452 Background



This preview shows how black text looks on a background with the Decimal color 3684452.



This preview shows how white text looks on a background with the Decimal color 3684452.

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
3684452

Protanopia
2767719

Deuteranopia
2440547

Trichromacy



Original Color

3684452

Protanomaly

3095142

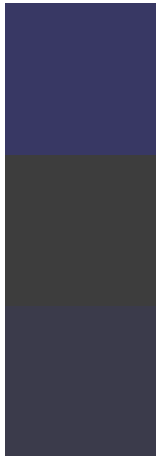
Deuteranomaly

2898787

Tritanomaly

3357776

Monochromacy



Original Color

3684452

Achromatopsia

4013373

Achromatomaly

3881803

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3684452 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 #383864 looks like.

```
.text, #text, p{  
    color:#383864  
}
```

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 #383864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383864
}
```

Border

The CSS property to change the border of an element to Decimal 3684452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

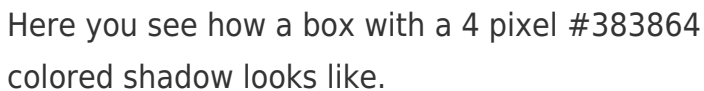
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383864 }
```

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

```
.border{ border-color:#383864 }
```

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



Here you see how a box with a 4 pixel #383864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383864; -webkit-box-shadow:4px 4px  
4px 4px #383864; box-shadow:4px 4px 4px  
4px #383864 }
```

Background

The CSS property to change the background color of an element to Decimal 3684452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383864 }
```

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

```
.background{ background-color:#383864 }
```

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