

# Converting Colors

Hex(385B52)

Have a look what the booklet for  
Hex(385B52) contains.

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# Color

**Hex(385B52)**

# Conversions

## Conversions Part 1

Format	Color
Hex	385B52
RGB	56, 91, 82
RGB Percent	22%, 36%, 32%
CMY	0.7804, 0.6431, 0.6784
CMYK	0.38, 0.00, 0.10, 0.64
HSL	165°, 24%, 29%
HSV	165°, 38%, 36%
XYZ	6.8950, 8.9321, 9.3433
YIQ	79.5090, -17.9710, -10.2190

# Conversions

## Conversions Part 2

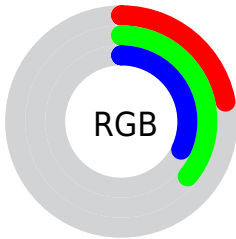
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 76, 91
Decimal	3693394
CIELab	35.85, -14.98, 1.19
CIELCh	36, 15.023, 175.468
Yxy	8.9321, 0.2739, 0.3549
Android (android.graphics.Color)	4281883474 (0xFF385B52)
YUV	79.5090, 1.2281, -20.6174
Hunter-Lab	29.8867, -11.1210, 2.3851

# Details

The Hex color **385B52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B3841**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **698D83**, and **092D25** is the 20% darker color. If you saturate the color by 10%, you get **2F5B50**, and if you desaturate by 10%, it is **415B54**.

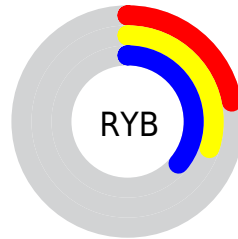
# Distribution



Red (22%)

Green (36%)

Blue (32%)



Red (22%)

Yellow (30%)

Blue (36%)

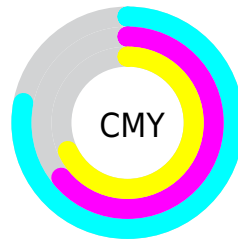


Cyan (38%)

Magenta (0%)

Yellow (10%)

Black (64%)



Cyan (78%)

Magenta (64%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 385B52 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 Hex color 385B52 by changing the saturation by 10% instead.





385B52



385B52

FFFFFF



21433B



698D83



092D25



82A89D



001911



9DC3B8



000000



B8DFD4



D4FCF0



F0FFFF



385B52



385B52



2F5B50



415B54

■ 265B4D

■ 4A5B57

■ 1D5B4B

■ 535B59

■ 145B49

■ 5C5B5B

■ 0A5B46

■ 665B5E

■ 015B44

■ 6F5B60

■ 005B44

■ 785B62

■ 815B65

■ 8A5B67

# Harmonies

## Analogous

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



455A46



385B52



315B5E

# Triad

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



385B52



54526A



684F41

# Complementary

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



385B52



5B3841

# 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.



6D4C4B



385B52



624E62

# Square

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



385B52



43566C



6B4C57



5F533C

# Rectangle

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



385B52



335A65



6B4C57



6A4E44



# Sweetspot

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



385B52



677572



415B38



323B39



BABABA



3B3B3B



# Same Dimension

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



385B52



3F7567



38535B



292E2D



006E51



00EDB0



# Inverse Universe

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



5B3841



753F4D



5B4038



2E292A



6E001C



ED003D



# Previews

## White Background



This preview shows how the Hex color 385B52 looks on a white background.

## Color Contrast Check

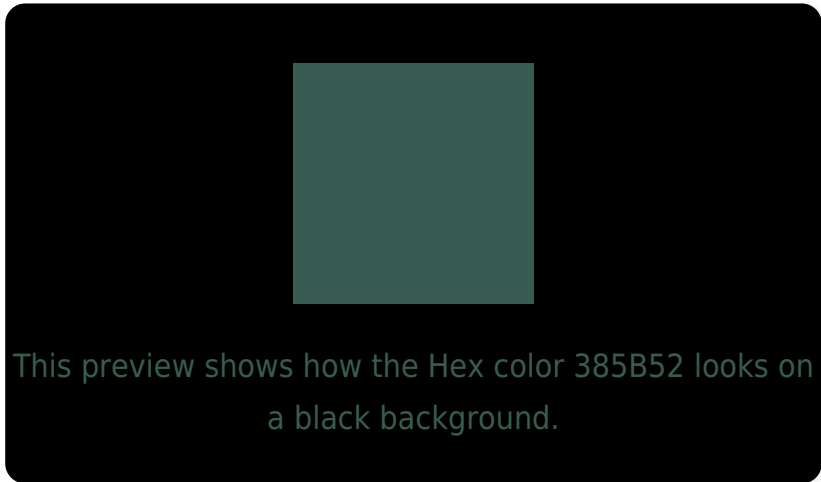
Large Text (above 18pt) WCAG AA ✓ Pass

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

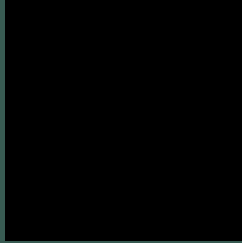
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 385B52 Background



This preview shows how black text looks on a background with the Hex color 385B52.



This preview shows how white text looks on a background with the Hex color 385B52.

# 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**  
385B52

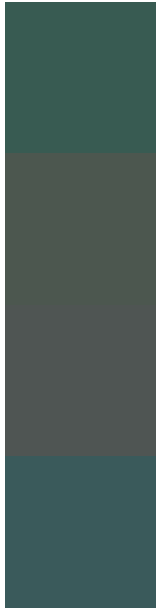
**Protanopia**  
57544E

**Deuteranopia**  
5C5154



**Tritanopia**  
3B5960

# Trichromacy



**Original Color**  
385B52

**Protanomaly**  
4C574F

**Deuteranomaly**  
4F5553

**Tritanomaly**  
3A5A5B

# Monochromacy



**Original Color**  
385B52

**Achromatopsia**  
505050

**Achromatomaly**  
475451

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 385B52 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 #385B52 looks like.

```
.text, #text, p{  
    color:#385B52  
}
```

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 #385B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #385B52
}
```

## Border

The CSS property to change the border of an element to Hex 385B52 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
#385B52 }
```

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

```
.border{ border-color:#385B52 }
```

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

Here you see how a box with a 4 pixel #385B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #385B52; -webkit-box-shadow:4px 4px  
4px 4px #385B52; box-shadow:4px 4px 4px  
4px #385B52 }
```

# Background

The CSS property to change the background color of an element to Hex 385B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#385B52 }
```

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

```
.background{ background-color:#385B52 }
```

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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