

# Converting Colors

Hex(385B21)

Have a look what the booklet for  
Hex(385B21) contains.

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**Color**

**Hex(385B21)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 385B21                     |
| RGB           | 56, 91, 33                 |
| RGB Percent   | 22%, 36%, 13%              |
| CMY           | 0.7804, 0.6431, 0.8706     |
| CMYK          | 0.38, 0.00, 0.64, 0.64     |
| HSL           | 96°, 47%, 24%              |
| HSV           | 96°, 64%, 36%              |
| XYZ           | 5.6465, 8.4327, 2.7689     |
| YIQ           | 73.9230, -2.2420, -25.4580 |

# Conversions

## Conversions Part 2

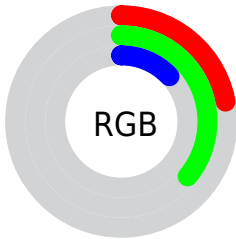
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>Y</sub>B</b>               | 33, 91, 68                     |
| Decimal                             | 3693345                        |
| CIE Lab                             | 34.87, -24.16, 28.89           |
| CIE LCh                             | 35, 37.663, 129.909            |
| Yxy                                 | 8.4327, 0.3351,<br>0.5005      |
| Android<br>(android.graphics.Color) | 4281883425<br>(0xFF385B21)     |
| YUV                                 | 73.9230, -20.1750,<br>-15.7185 |
| Hunter-Lab                          | 29.0392, -16.1103,<br>14.6740  |

# Details

The Hex color **385B21** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **44215B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6A8D50**, and **092D00** is the 20% darker color. If you saturate the color by 10%, you get **335B18**, and if you desaturate by 10%, it is **3D5B2A**.

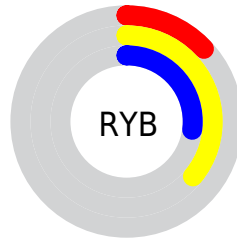
# Distribution



Red (22%)

Green (36%)

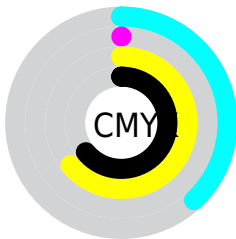
Blue (13%)



Red (13%)

Yellow (36%)

Blue (27%)

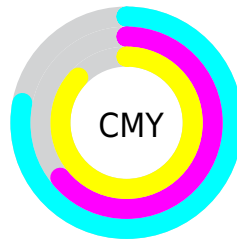


Cyan (38%)

Magenta (0%)

Yellow (64%)

Black (64%)



Cyan (78%)

Magenta (64%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 385B21 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 385B21 by changing the saturation by 10% instead.





385B21



385B21

FFFFFF



20430A



6A8D50



092D00



83A868



001A00



9EC382



000000



BADF9C



D6FCB7



F2FFD3



FFFFFF0



385B21



385B21

■ 335B18

■ 3D5B2A

■ 2D5B0F

■ 435B33

■ 285B06

■ 485B3C

■ 245B00

■ 4E5B45

■ 535B4F

■ 595B58

■ 5E5B61

■ 645B6A

■ 695B73

# Harmonies

## Analogous

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



595411



385B21



005F3C

# Triad

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



385B21



005B8A



893649

# Complementary

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



385B21



44215B

# 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.



7E3A67



385B21



29528D

# Square

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



385B21



005F78



604680



843D2D

# Rectangle

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



385B21



006051



604680



873653



# Sweetspot

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



385B21



68755F



5B4421



333B2D



BABABA



3B3B3B



# Same Dimension

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



385B21



40751C



215B27



2B2E29



2B6E00



5EED00



# Inverse Universe

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



44215B



521C75



5B2155



2C292E



42006E

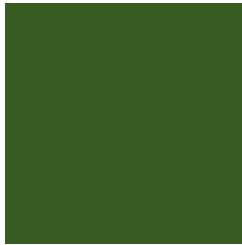


8F00ED



# Previews

## White Background



This preview shows how the Hex color 385B21 looks on a white background.

## Color Contrast Check

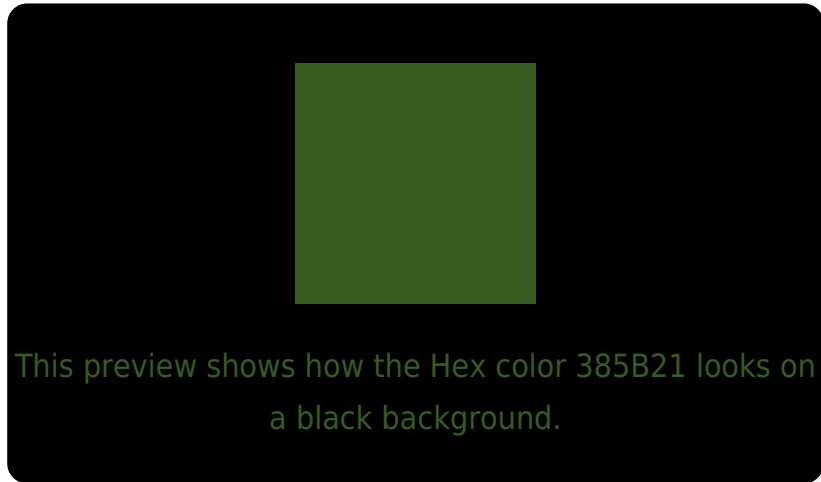
Large Text (above 18pt) WCAG AA ✓ Pass

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

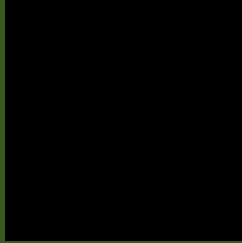
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 385B21 Background



This preview shows how black text looks on a background with the Hex color 385B21.



This preview shows how white text looks on a background with the Hex color 385B21.

# 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](#).

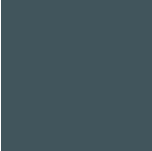
## Dichromacy



**Original Color**  
385B21

**Protanopia**  
5B521E

**Deuteranopia**  
654E25



**Tritanopia**  
41555C

# Trichromacy



**Original Color**  
385B21

**Protanomaly**  
4E551F

**Deuteranomaly**  
555324

**Tritanomaly**  
3E5747

# Monochromacy



**Original Color**  
385B21

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
43503B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 385B21 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 #385B21 looks like.

```
.text, #text, p{  
    color:#385B21  
}
```

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 #385B21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #385B21
}
```

## Border

The CSS property to change the border of an element to Hex 385B21 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".

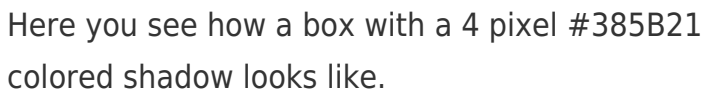
```
.border, #border, table{ border:4px solid
#385B21 }
```

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

```
.border{ border-color:#385B21 }
```

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

Here you see how a box with a 4 pixel #385B21 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #385B21; -webkit-box-shadow:4px 4px  
4px 4px #385B21; box-shadow:4px 4px 4px  
4px #385B21 }
```

# Background

The CSS property to change the background color of an element to Hex 385B21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#385B21 }
```

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

```
.background{ background-color:#385B21 }
```

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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