

Converting Colors

Hex(3C4116)

Have a look what the booklet for
Hex(3C4116) contains.

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Color

Hex(3C4116)

Conversions

Conversions Part 1

Format	Color
Hex	3C4116
RGB	60, 65, 22
RGB Percent	24%, 25%, 9%
CMY	0.7647, 0.7451, 0.9137
CMYK	0.08, 0.00, 0.66, 0.75
HSL	67°, 49%, 17%
HSV	67°, 66%, 25%
XYZ	3.8986, 4.7992, 1.4799
YIQ	58.6030, 10.8230, -14.4330

Conversions

Conversions Part 2

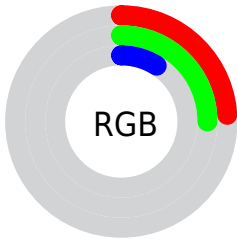
Format	Color
R_{YB}	22, 65, 27
Decimal	3948822
CIE Lab	26.15, -9.27, 24.95
CIE LCh	26, 26.616, 110.374
Yxy	4.7992, 0.3831, 0.4715
Android (android.graphics.Color)	4282138902 (0xFF3C4116)
YUV	58.6030, -18.0453, 1.2252
Hunter-Lab	21.9070, -6.5713, 11.3296

Details

The Hex color **3C4116** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1B1641**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6D7143**, and **0A1700** is the 20% darker color. If you saturate the color by 10%, you get **3B4110**, and if you desaturate by 10%, it is **3D411D**.

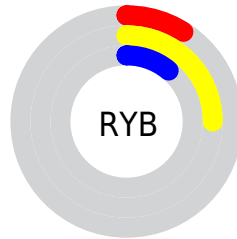
Distribution



 Red (24%)

 Green (25%)

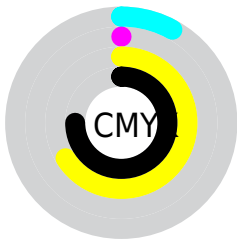
 Blue (9%)



 Red (9%)

 Yellow (25%)

 Blue (11%)

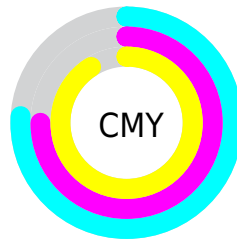


 Cyan (8%)

 Magenta (0%)

 Yellow (66%)

 Black (75%)



 Cyan (76%)

 Magenta (75%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4116 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 3C4116 by changing the saturation by 10% instead.

 3C4116

 3C4116

FFFFFC

 262B00

 6D7143

 0A1700

 868A5B

 000000

 A1A474

 BCBF8D

 D8DBA8

 F5F8C3

 FFFFDF

 3C4116

 3C4116

■ 3B4110

■ 3D411D

■ 3A4109

■ 3E4123

■ 3A4103

■ 3E412A

■ 394100

■ 3F4130

■ 404137

■ 41413D

■ 414144

■ 42414A

■ 434151

Harmonies

Analogous

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



4F3B15



3C4116



244523

Triad

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



3C4116



00465D



602D45

Complementary

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



3C4116



1B1641

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.



503358



3C4116



004266

Square

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



3C4116



00484B



343B64



642D31

Rectangle

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



3C4116



0B4730



343B64



5C2F4C

Sweetspot

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



3C4116



525443



411A16



2A2B21



ABABAB



2B2B2B

Same Dimension

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



3C4116



4C5412



274116



21211E



566100



C6E000

Inverse Universe

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



1B1641



191254



301641



1E1E21



0B0061



1A00E0

Previews

White Background



This preview shows how the Hex color 3C4116 looks on a white background.

Color Contrast Check

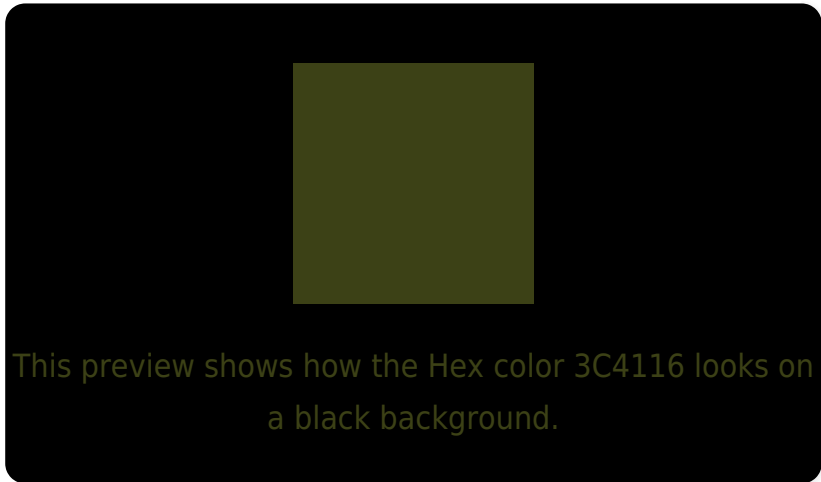
Large Text (above 18pt) WCAG AA ✓ Pass

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

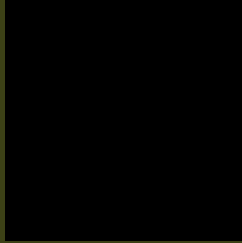
Any Text WCAG AA × Fail

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 3C4116 Background



This preview shows how black text looks on a background with the Hex color 3C4116.



This preview shows how white text looks on a background with the Hex color 3C4116.

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
3C4116

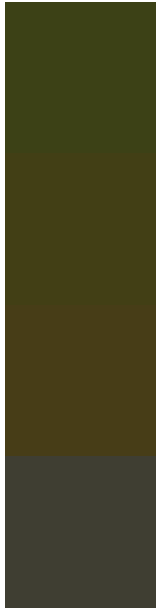
Protanopia
453E15

Deuteranopia
4D3B18



Tritanopia
403D42

Trichromacy



Original Color
3C4116

Protanomaly
423F15

Deuteranomaly
473D17

Tritanomaly
3F3E32

Monochromacy



Original Color
3C4116

Achromatopsia
3B3B3B

Achromatomaly
3B3D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4116 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 #3C4116 looks like.

```
.text, #text, p{  
    color:#3C4116  
}
```

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 #3C4116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4116
}
```

Border

The CSS property to change the border of an element to Hex 3C4116 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
#3C4116 }
```

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

```
.border{ border-color:#3C4116 }
```

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

Here you see how a box with a 4 pixel #3C4116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4116; -webkit-box-shadow:4px 4px  
4px 4px #3C4116; box-shadow:4px 4px 4px  
4px #3C4116 }
```

Background

The CSS property to change the background color of an element to Hex 3C4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4116 }
```

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

```
.background{ background-color:#3C4116 }
```

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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