

Converting Colors

Hex(3C4610)

Have a look what the booklet for
Hex(3C4610) contains.

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Color

Hex(3C4610)

Conversions

Conversions Part 1

Format	Color
Hex	3C4610
RGB	60, 70, 16
RGB Percent	24%, 27%, 6%
CMY	0.7647, 0.7255, 0.9373
CMYK	0.14, 0.00, 0.77, 0.73
HSL	71°, 63%, 17%
HSV	71°, 77%, 27%
XYZ	4.1472, 5.3784, 1.3098
YIQ	60.8540, 11.3740, -18.9140

Conversions

Conversions Part 2

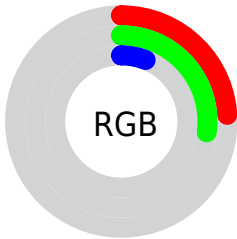
Format	Color
RYB	16, 70, 26
Decimal	3950096
CIELab	27.79, -12.71, 29.67
CIELCh	28, 32.277, 113.191
Yxy	5.3784, 0.3827, 0.4964
Android (android.graphics.Color)	4282140176 (0xFF3C4610)
YUV	60.8540, -22.1130, -0.7490
Hunter-Lab	23.1913, -8.6648, 12.8855

Details

The Hex color **3C4610** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A1046**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6D763E**, and **0B1B00** is the 20% darker color. If you saturate the color by 10%, you get **3B4609**, and if you desaturate by 10%, it is **3D4617**.

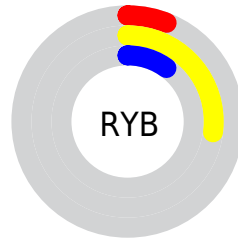
Distribution



 Red (24%)

 Green (27%)

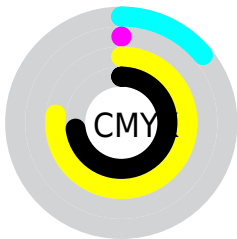
 Blue (6%)




 Red (6%)

 Yellow (27%)

 Blue (10%)

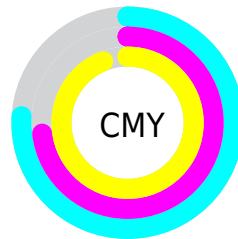


 Cyan (14%)


 Magenta (0%)

 Yellow (77%)

 Black (73%)



 Cyan (76%)

 Magenta (73%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4610 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 3C4610 by changing the saturation by 10% instead.

 3C4610

 3C4610

 FFFFFFF7

 263000

 6D763E

 0B1B00

 879056

 000000

 A2AA6F

 BDC689

 D9E2A3

 F6FEBE

 FFFFDA

 3C4610

 3C4610

■ 3B4609

■ 3D4617

■ 394602

■ 3F461E

■ 394600

■ 404625

■ 41462C

■ 424633

■ 44463A

■ 454641

■ 464648

■ 48464F

Harmonies

Analogous

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



543E0D



3C4610



1C4B22

Triad

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



3C4610



004B69



6C2B48

Complementary

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



3C4610



1A1046

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.



5A3360



3C4610



004673

Square

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



3C4610



004D54



383D6F



6E2C30

Rectangle

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



3C4610



004D32



383D6F



672D51

Sweetspot

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



3C4610



585C47



461A10



2C2E21



ADADAD



2E2E2E

Same Dimension

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



3C4610



4C5C06



214610



232420



516300



B9E300

Inverse Universe

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



1A1046



16065C



351046



212024



120063



2A00E3

Previews

White Background



This preview shows how the Hex color 3C4610 looks on a white background.

Color Contrast Check

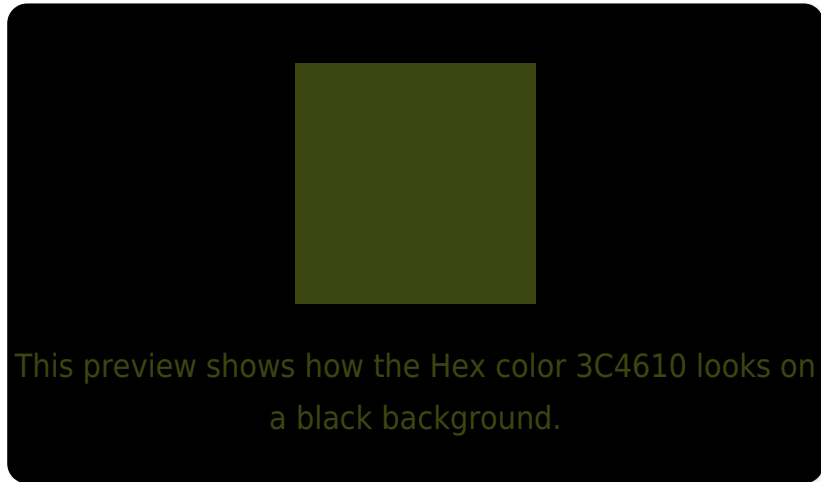
Large Text (above 18pt) WCAG AA ✓ Pass

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

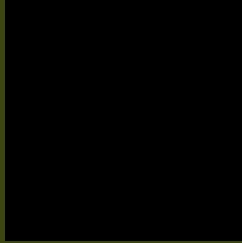
Any Text WCAG AA × Fail

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 3C4610 Background



This preview shows how black text looks on a background with the Hex color 3C4610.



This preview shows how white text looks on a background with the Hex color 3C4610.

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
3C4610

Protanopia
4A420F

Deuteranopia
523E14



Tritanopia
414146

Trichromacy



Original Color
3C4610

Protanomaly
45430F

Deuteranomaly
4A4113

Tritanomaly
3F4332

Monochromacy



Original Color
3C4610

Achromatopsia
3D3D3D

Achromatomaly
3D402D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4610 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 #3C4610 looks like.

```
.text, #text, p{  
    color:#3C4610  
}
```

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 #3C4610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4610
}
```

Border

The CSS property to change the border of an element to Hex 3C4610 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
#3C4610 }
```

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

```
.border{ border-color:#3C4610 }
```

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

Here you see how a box with a 4 pixel #3C4610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4610; -webkit-box-shadow:4px 4px  
4px 4px #3C4610; box-shadow:4px 4px 4px  
4px #3C4610 }
```

Background

The CSS property to change the background color of an element to Hex 3C4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4610 }
```

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

```
.background{ background-color:#3C4610 }
```

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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