

Converting Colors

Hex(635116)

Have a look what the booklet for
Hex(635116) contains.

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Color

Hex(635116)

Conversions

Conversions Part 1

Format	Color
Hex	635116
RGB	99, 81, 22
RGB Percent	39%, 32%, 9%
CMY	0.6118, 0.6824, 0.9137
CMYK	0.00, 0.18, 0.78, 0.61
HSL	46°, 64%, 24%
HSV	46°, 78%, 39%
XYZ	8.2328, 8.5954, 1.9842
YIQ	79.6560, 29.6670, -14.5330

Conversions

Conversions Part 2

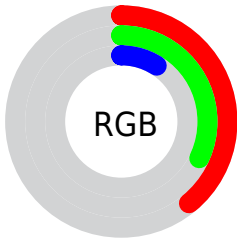
Format	Color
RYB	45, 99, 22
Decimal	6508822
CIELab	35.19, 0.57, 35.63
CIELCh	35, 35.638, 89.088
Yxy	8.5954, 0.4376, 0.4569
Android (android.graphics.Color)	4284698902 (0xFF635116)
YUV	79.6560, -28.4244, 16.9647
Hunter-Lab	29.3180, -1.1815, 16.5099

Details

The Hex color **635116** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **162863**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **988245**, and **312500** is the 20% darker color. If you saturate the color by 10%, you get **634F0C**, and if you desaturate by 10%, it is **635320**.

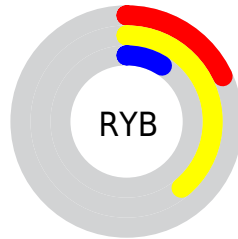
Distribution



 Red (39%)

 Green (32%)

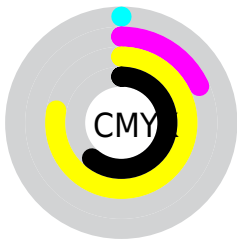
 Blue (9%)



 Red (18%)

 Yellow (39%)

 Blue (9%)

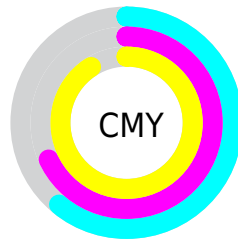


 Cyan (0%)

 Magenta (18%)

 Yellow (78%)

 Black (61%)



 Cyan (61%)

 Magenta (68%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635116 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 635116 by changing the saturation by 10% instead.

 635116

 635116

FFFFFF

 4A3A00

 988245

 312500

 B49C5E

 181000

 D0B777

 000000

 EDD291

 FFEFAC

 FFFFC8

 FFFFEE4

 635116

 635116

■ 634F0C

■ 635320

■ 634C02

■ 63562A

■ 634C00

■ 635834

■ 635A3E

■ 635D48

■ 635F51

■ 63615B

■ 636465

■ 63666F

Harmonies

Analogous

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



794622



635116



47591E

Triad

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



635116



00606E



754070

Complementary

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



635116



162863

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.



524C85



635116



005D83

Square

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



635116



006151



05568C



853955

Rectangle

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



635116



2F5D2C



05568C



6B4478

Sweetspot

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



635116



807962



631629



403C2E



BFBFBF



404040

Same Dimension

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



635116



806409



506316



302F2C



705600



F0B800

Inverse Universe

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



162863



092580



291663



2C2D30



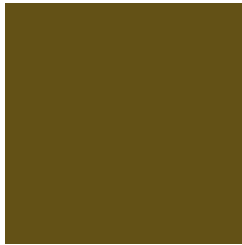
001A70



0038F0

Previews

White Background



This preview shows how the Hex color 635116 looks on a white background.

Color Contrast Check

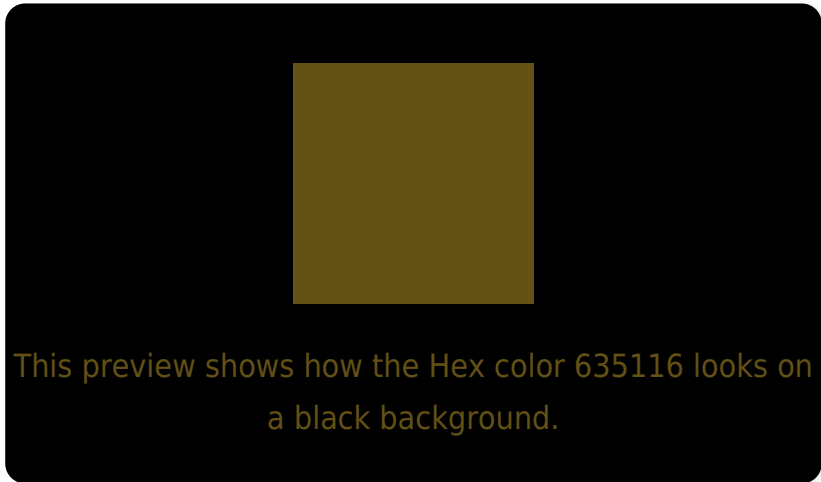
Large Text (above 18pt) WCAG AA ✓ Pass

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

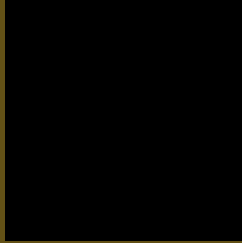
Any Text WCAG AA × Fail

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 635116 Background



This preview shows how black text looks on a background with the Hex color 635116.



This preview shows how white text looks on a background with the Hex color 635116.

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
635116

Protanopia
5D5317

Deuteranopia
684F17



Tritanopia
674C51

Trichromacy



Original Color
635116

Protanomaly
5F5217

Deuteranomaly
665017

Tritanomaly
664E3C

Monochromacy



Original Color
635116

Achromatopsia
505050

Achromatomaly
57503B

CSS Examples

Text

The CSS property to change the color of the text to Hex 635116 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 #635116 looks like.

```
.text, #text, p{  
    color:#635116  
}
```

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 #635116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635116
}
```

Border

The CSS property to change the border of an element to Hex 635116 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
#635116 }
```

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

```
.border{ border-color:#635116 }
```

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

Here you see how a box with a 4 pixel #635116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635116; -webkit-box-shadow:4px 4px  
4px 4px #635116; box-shadow:4px 4px 4px  
4px #635116 }
```

Background

The CSS property to change the background color of an element to Hex 635116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635116 }
```

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

```
.background{ background-color:#635116 }
```

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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