

Converting Colors

Hex(645930)

Have a look what the booklet for
Hex(645930) contains.

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Color

Hex(645930)

Conversions

Conversions Part 1

Format	Color
Hex	645930
RGB	100, 89, 48
RGB Percent	39%, 35%, 19%
CMY	0.6078, 0.6510, 0.8118
CMYK	0.00, 0.11, 0.52, 0.61
HSL	47°, 35%, 29%
HSV	47°, 52%, 39%
XYZ	9.3614, 10.0675, 4.2461
YIQ	87.6150, 19.7170, -10.4190

Conversions

Conversions Part 2

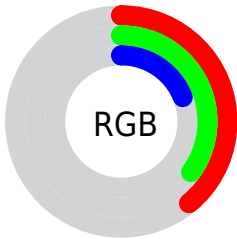
Format	Color
RYB	62, 100, 48
Decimal	6576432
CIELab	37.96, -1.69, 25.22
CIELCh	38, 25.274, 93.841
Yxy	10.0675, 0.3954, 0.4252
Android (android.graphics.Color)	4284766512 (0xFF645930)
YUV	87.6150, -19.5302, 10.8616
Hunter-Lab	31.7293, -2.8616, 14.2761

Details

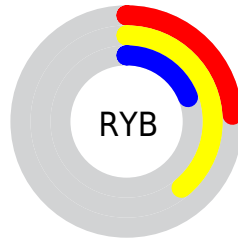
The Hex color **645930** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **303B64**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **988B5F**, and **342C01** is the 20% darker color. If you saturate the color by 10%, you get **645726**, and if you desaturate by 10%, it is **645B3A**.

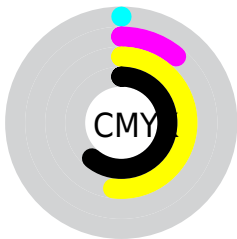
Distribution



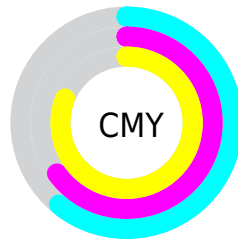
- Red (39%)
- Green (35%)
- Blue (19%)



- Red (24%)
- Yellow (39%)
- Blue (19%)



- Cyan (0%)
- Magenta (11%)
- Yellow (52%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645930 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 645930 by changing the saturation by 10% instead.

 645930

 645930

FFFFFF

 4B421A

 988B5F

 342C01

 B3A578

 1D1700

 CFC092

 000000

 EDCAD

 FFF8C8

 FFFFE4

 645930

 645930

 645726

 645B3A

■ 64551C

■ 645D44

■ 645312

■ 645F4E

■ 645108

■ 646158

■ 644F00

■ 646462

■ 64666C

■ 646876

■ 646A80

■ 646C8A

Harmonies

Analogous

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



755235



645930



4E5F37

Triad

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



645930



00636F



754C6C

Complementary

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



645930



303B64

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.



5F537B



645930



15607E

Square

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



645930



15645B



3F5B82



804957

Rectangle

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



645930



3E6241



3F5B82



6F4E72

Sweetspot

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



645930



827E6D



64303B



424036



C2C2C2



424242

Same Dimension

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



645930



827131



556430



33322E



735A00



F2BF00

Inverse Universe

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



303B64



314282



3F3064



2E2F33



001873



0033F2

Previews

White Background



This preview shows how the Hex color 645930 looks on a white background.

Color Contrast Check

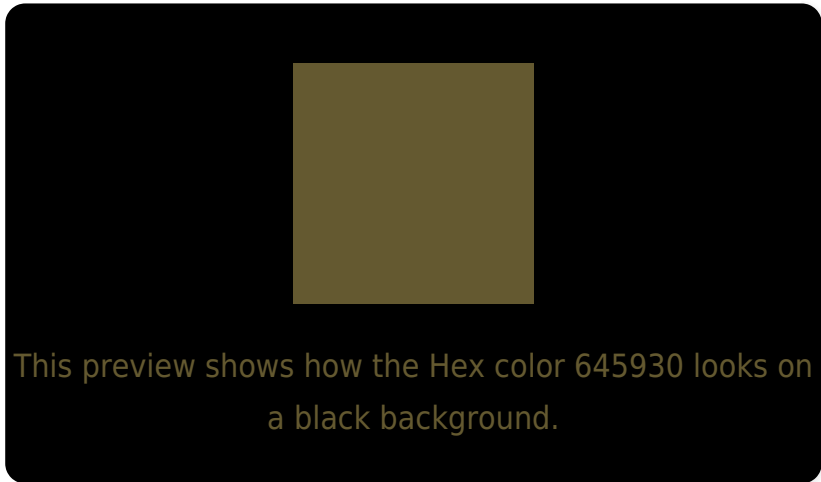
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

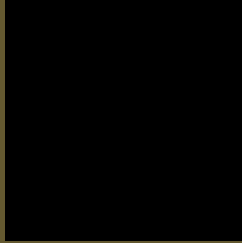
Any Text WCAG AA × Fail

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 645930 Background



This preview shows how black text looks on a background with the Hex color 645930.



This preview shows how white text looks on a background with the Hex color 645930.

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
645930

Protanopia
635A30

Deuteranopia
6D5531



Tritanopia
68545B

Trichromacy



Original Color
645930

Protanomaly
635A30

Deuteranomaly
6A5631

Tritanomaly
67564B

Monochromacy



Original Color
645930

Achromatopsia
585858

Achromatomaly
5C5849

CSS Examples

Text

The CSS property to change the color of the text to Hex 645930 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 #645930 looks like.

```
.text, #text, p{  
    color:#645930  
}
```

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 #645930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645930
}
```

Border

The CSS property to change the border of an element to Hex 645930 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
#645930 }
```

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

```
.border{ border-color:#645930 }
```

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

Here you see how a box with a 4 pixel #645930 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645930; -webkit-box-shadow:4px 4px  
4px 4px #645930; box-shadow:4px 4px 4px  
4px #645930 }
```

Background

The CSS property to change the background color of an element to Hex 645930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645930 }
```

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

```
.background{ background-color:#645930 }
```

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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