

# Converting Colors

Hex(64660E)

Have a look what the booklet for  
Hex(64660E) contains.

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**Color**

**Hex(64660E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64660E
RGB	100, 102, 14
RGB Percent	39%, 40%, 5%
CMY	0.6078, 0.6000, 0.9451
CMYK	0.02, 0.00, 0.86, 0.60
HSL	61°, 76%, 23%
HSV	61°, 86%, 40%
XYZ	10.0862, 12.2438, 2.2472
YIQ	91.3700, 27.0560, -27.7920

# Conversions

## Conversions Part 2

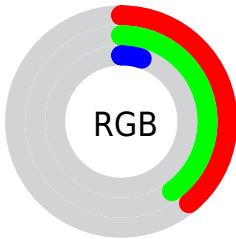
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	14, 102, 16
Decimal	6579726
CIE Lab	41.60, -11.56, 44.45
CIE LCh	42, 45.931, 104.579
Yxy	12.2438, 0.4104, 0.4982
Android (android.graphics.Color)	4284769806 (0xFF64660E)
YUV	91.3700, -38.1434, 7.5685
Hunter-Lab	34.9911, -9.7819, 20.6861

# Details

The Hex color **64660E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **100E66**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9A9943**, and **323700** is the 20% darker color. If you saturate the color by 10%, you get **646604**, and if you desaturate by 10%, it is **646618**.

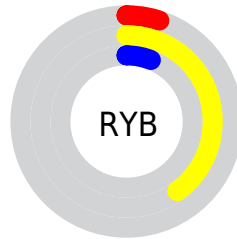
# Distribution



Red (39%)

Green (40%)

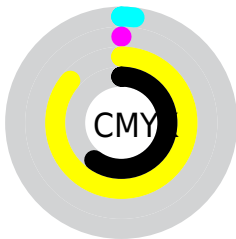
Blue (5%)



Red (5%)

Yellow (40%)

Blue (6%)

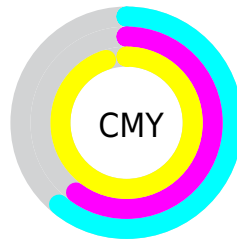


Cyan (2%)

Magenta (0%)

Yellow (86%)

Black (60%)



Cyan (61%)

Magenta (60%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64660E 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 64660E by changing the saturation by 10% instead.





64660E



64660E

FFFFFF



4A4E00



9A9943



323700



B5B35C



192200



D2CF76



000B00



EFEB90



000000



FFFFAB



FFFFC7



FFFFE4



64660E



64660E

■ 646604

■ 646618

■ 646600

■ 646622

■ 65662D

■ 656637

■ 656641

■ 65664B

■ 666655

■ 666660

■ 66666A

# Harmonies

## Analogous

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



855913



64660E



386E29

# Triad

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



64660E



007296



9C4177

# Complementary

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



64660E



100E66

# 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.



7B5098



64660E



006CAB

# Square

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



64660E



007474



3A60AC



A73E51

# Rectangle

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



64660E



007240



3A60AC



944583



# Sweetspot

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



64660E



848562



660F0E



42422E



C2C2C2



424242



# Same Dimension

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



64660E



828500



39660E



33332E



707300



EDF200



# Inverse Universe

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



100E66



030085



3B0E66



2E2E33



030073



0600F2



# Previews

## White Background



This preview shows how the Hex color 64660E looks on a white background.

## Color Contrast Check

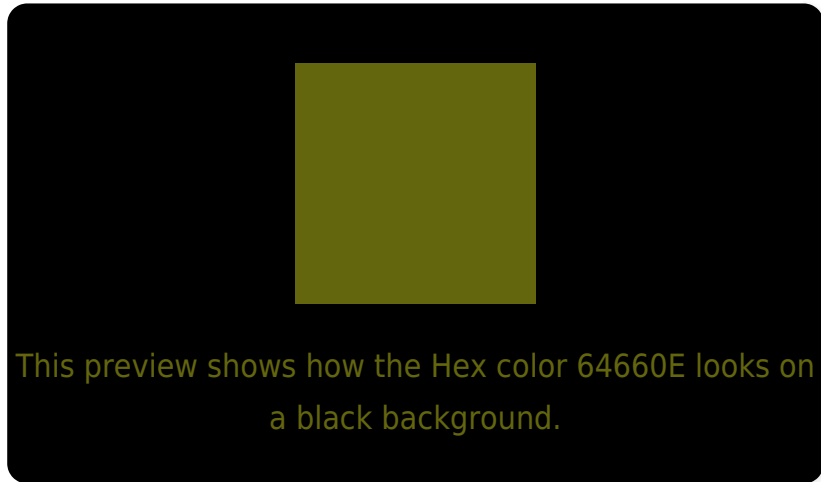
Large Text (above 18pt) WCAG AA ✓ Pass

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

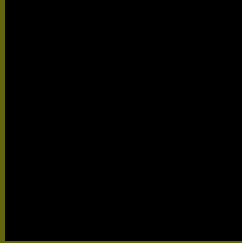
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64660E Background



This preview shows how black text looks on a background with the Hex color 64660E.



This preview shows how white text looks on a background with the Hex color 64660E.

# 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**

64660E

**Protanopia**

6F620D

**Deuteranopia**

7C5D14



**Tritanopia**  
6B5F66

# Trichromacy



**Original Color**  
64660E

**Protanomaly**  
6B630D

**Deuteranomaly**  
736012

**Tritanomaly**  
686246

# Monochromacy



**Original Color**  
64660E

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5E5F3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64660E 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 #64660E looks like.

```
.text, #text, p{  
    color:#64660E  
}
```

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 #64660E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64660E
}
```

## Border

The CSS property to change the border of an element to Hex 64660E is called "border". The border property can be set on classes, ids or directly on the HTML element.

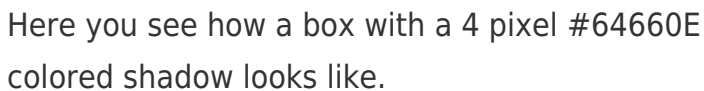
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64660E }
```

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

```
.border{ border-color:#64660E }
```

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



Here you see how a box with a 4 pixel #64660E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64660E; -webkit-box-shadow:4px 4px  
4px 4px #64660E; box-shadow:4px 4px 4px  
4px #64660E }
```

# Background

The CSS property to change the background color of an element to Hex 64660E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64660E }
```

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

```
.background{ background-color:#64660E }
```

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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