

# Converting Colors

Hex(61560E)

Have a look what the booklet for  
Hex(61560E) contains.

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# Color

**Hex(61560E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61560E
RGB	97, 86, 14
RGB Percent	38%, 34%, 5%
CMY	0.6196, 0.6627, 0.9451
CMYK	0.00, 0.11, 0.86, 0.62
HSL	52°, 75%, 22%
HSV	52°, 86%, 38%
XYZ	8.3368, 9.2287, 1.7574
YIQ	81.0810, 29.6680, -20.0600

# Conversions

## Conversions Part 2

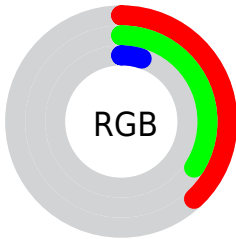
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 97, 14
Decimal	6379022
CIE Lab	36.42, -3.80, 39.84
CIE LCh	36, 40.018, 95.444
Yxy	9.2287, 0.4314, 0.4776
Android (android.graphics.Color)	4284569102 (0xFF61560E)
YUV	81.0810, -33.0709, 13.9610
Hunter-Lab	30.3787, -4.1771, 17.8352

# Details

The Hex color **61560E** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0E1961**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **968740**, and **2F2900** is the 20% darker color. If you saturate the color by 10%, you get **615504**, and if you desaturate by 10%, it is **615718**.

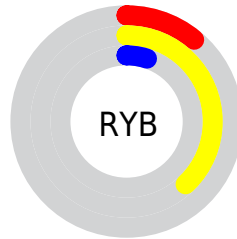
# Distribution



Red (38%)

Green (34%)

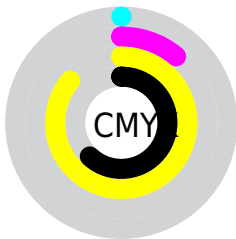
Blue (5%)



Red (11%)

Yellow (38%)

Blue (5%)

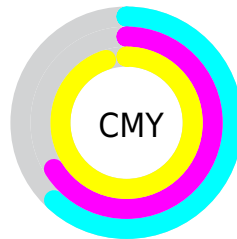


Cyan (0%)

Magenta (11%)

Yellow (86%)

Black (62%)



Cyan (62%)

Magenta (66%)


Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61560E 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 61560E by changing the saturation by 10% instead.



 61560E

 61560E

 FFFFFC

 483F00

 968740

 2F2900

 B2A259

 161500

 CEBC72

 000000


 EBD88C

 FFF5A7

 FFFFC3

 FFFFDF

 61560E

 61560E

■ 615504

■ 615718

■ 615400

■ 615921

■ 615A2B

■ 615B35

■ 615C3F

■ 615E48

■ 615F52

■ 61605C

■ 616265

# Harmonies

## Analogous

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



7B4A19



61560E



3F5E1D

# Triad

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



61560E



00647A



813D71

# Complementary

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



61560E



0E1961

# 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.



5E4B8A



61560E



006090

# Square

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



61560E



00655B



145796



8F3751

# Rectangle

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



61560E



20622F



145796



78417B



# Sweetspot

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



61560E



7D795C



610E19



403D2C



BFBFBF



404040



# Same Dimension

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



61560E



7D6C00



43610E



30302C



706100



F0D000



# Inverse Universe

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



0E1961



00117D



2C0E61



2C2C30



000F70

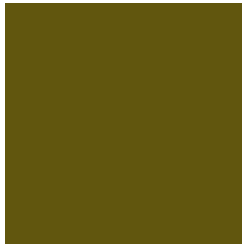


0020F0



# Previews

## White Background



This preview shows how the Hex color 61560E looks on a white background.

## Color Contrast Check

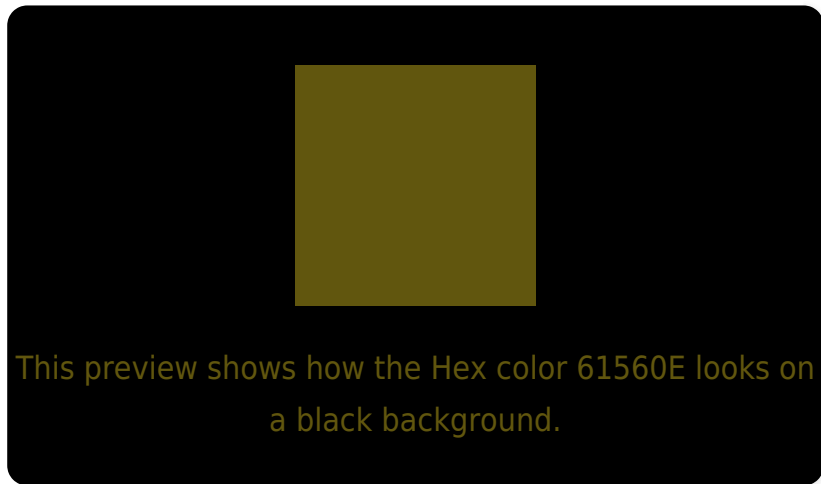
Large Text (above 18pt) WCAG AA ✓ Pass

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

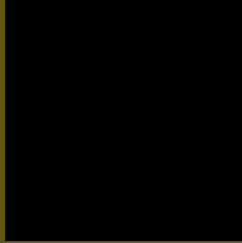
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61560E Background



This preview shows how black text looks on a background with the Hex color 61560E.



This preview shows how white text looks on a background with the Hex color 61560E.

# 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**  
61560E

**Protanopia**  
61560E

**Deuteranopia**  
6C5111



**Tritanopia**  
665056

# Trichromacy



**Original Color**  
61560E

**Protanomaly**  
61560E

**Deuteranomaly**  
685310

**Tritanomaly**  
64523C

# Monochromacy



**Original Color**  
61560E

**Achromatopsia**  
515151

**Achromatomaly**  
575339

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61560E 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 #61560E looks like.

```
.text, #text, p{  
    color:#61560E  
}
```

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 #61560E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61560E
}
```

## Border

The CSS property to change the border of an element to Hex 61560E is called "border". The border property can be set on classes, ids or directly on the HTML element.

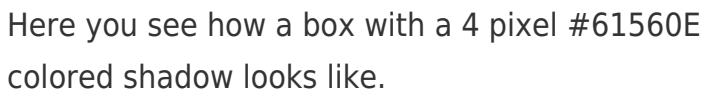
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61560E }
```

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

```
.border{ border-color:#61560E }
```

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



Here you see how a box with a 4 pixel #61560E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61560E; -webkit-box-shadow:4px 4px  
4px 4px #61560E; box-shadow:4px 4px 4px  
4px #61560E }
```

# Background

The CSS property to change the background color of an element to Hex 61560E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61560E }
```

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

```
.background{ background-color:#61560E }
```

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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