

# Converting Colors

Hex(50561E)

Have a look what the booklet for  
Hex(50561E) contains.

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**Color**

**Hex(50561E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	50561E
RGB	80, 86, 30
RGB Percent	31%, 34%, 12%
CMY	0.6863, 0.6627, 0.8824
CMYK	0.07, 0.00, 0.65, 0.66
HSL	66°, 48%, 23%
HSV	66°, 65%, 34%
XYZ	6.8704, 8.4548, 2.4981
YIQ	77.8220, 14.4000, -18.6880

# Conversions

## Conversions Part 2

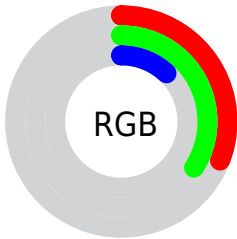
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 86, 36
Decimal	5264926
CIELab	34.91, -11.17, 30.95
CIELCh	35, 32.904, 109.844
Yxy	8.4548, 0.3855, 0.4744
Android (android.graphics.Color)	4283455006 (0xFF50561E)
YUV	77.8220, -23.5762, 1.9101
Hunter-Lab	29.0771, -8.7086, 15.2602

# Details

The Hex color **50561E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **241E56**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **83884D**, and **222900** is the 20% darker color. If you saturate the color by 10%, you get **4F5615**, and if you desaturate by 10%, it is **515627**.

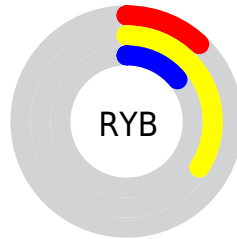
# Distribution



Red (31%)

Green (34%)

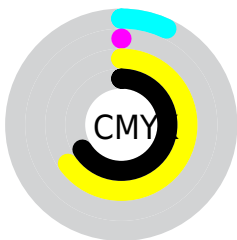
Blue (12%)



Red (12%)

Yellow (34%)

Blue (14%)

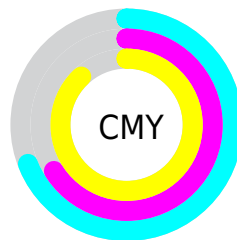


Cyan (7%)

Magenta (0%)

Yellow (65%)

Black (66%)



Cyan (69%)

Magenta (66%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 50561E 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 50561E by changing the saturation by 10% instead.



 50561E

 50561E

FFFFFF

 383F06

 83884D

 222900

 9EA265

 001600

 B9BD7F

 000000

 D5D999

 F2F5B4

 FFFFD0

 FFFFEC

 50561E

 50561E

■ 4F5615

■ 515627

■ 4E560D

■ 52562F

■ 4D5604

■ 535638

■ 4D5600

■ 545640

■ 555649

■ 565652

■ 56565A

■ 575663

■ 58566B

# Harmonies

## Analogous

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



694E1D



50561E



315C2F

# Triad

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



50561E



005D7A



7E3C5C

# Complementary

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



50561E



241E56

# 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.



6A4474



50561E



005886

# Square

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



50561E



005F63



454F83



833C42

# Rectangle

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



50561E



0F5E3F



454F83



793E65



# Sweetspot

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



50561E



6E705A



56241E



37382B



B8B8B8



383838



# Same Dimension

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



50561E



677019



34561E



2B2B27



606B00



D1EB00



# Inverse Universe

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



241E56



221970



401E56



27272B



0B006B



1900EB



# Previews

## White Background



This preview shows how the Hex color 50561E looks on a white background.

## Color Contrast Check

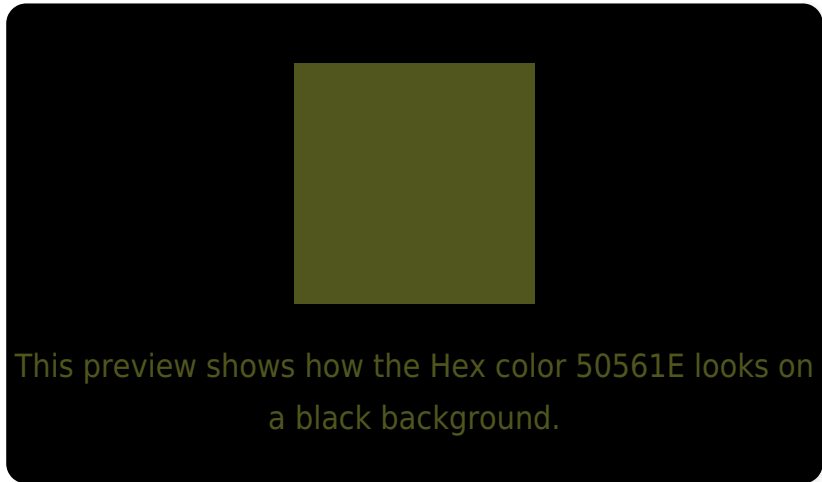
Large Text (above 18pt) WCAG AA ✓ Pass

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

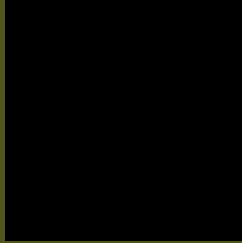
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 50561E Background



This preview shows how black text looks on a background with the Hex color 50561E.



This preview shows how white text looks on a background with the Hex color 50561E.

# 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**  
50561E

**Protanopia**  
5C521D

**Deuteranopia**  
664E21



**Tritanopia**  
565057

# Trichromacy



**Original Color**  
50561E

**Protanomaly**  
58531D

**Deuteranomaly**  
5E5120

**Tritanomaly**  
545242

# Monochromacy



**Original Color**  
50561E

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4F513D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 50561E 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 #50561E looks like.

```
.text, #text, p{  
    color:#50561E  
}
```

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 #50561E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50561E
}
```

## Border

The CSS property to change the border of an element to Hex 50561E is called "border". The border property can be set on classes, ids or directly on the HTML element.

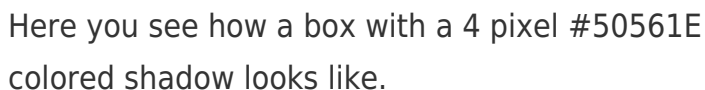
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50561E }
```

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

```
.border{ border-color:#50561E }
```

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



Here you see how a box with a 4 pixel #50561E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50561E; -webkit-box-shadow:4px 4px  
4px 4px #50561E; box-shadow:4px 4px 4px  
4px #50561E }
```

# Background

The CSS property to change the background color of an element to Hex 50561E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50561E }
```

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

```
.background{ background-color:#50561E }
```

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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