

# Converting Colors

Hex(41560E)

Have a look what the booklet for  
Hex(41560E) contains.

<b>Hex(41560E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(41560E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41560E
RGB	65, 86, 14
RGB Percent	25%, 34%, 5%
CMY	0.7451, 0.6627, 0.9451
CMYK	0.24, 0.00, 0.84, 0.66
HSL	78°, 72%, 20%
HSV	78°, 84%, 34%
XYZ	5.5870, 7.8111, 1.6287
YIQ	71.5130, 10.5960, -26.8440

# Conversions

## Conversions Part 2

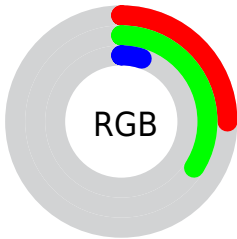
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 86, 35
Decimal	4281870
CIE <sub>Lab</sub>	33.59, -19.32, 36.22
CIE <sub>LCh</sub>	34, 41.049, 118.085
Y <sub>xy</sub>	7.8111, 0.3718, 0.5198
Android (android.graphics.Color)	4282471950 (0xFF41560E)
Y <sub>UV</sub>	71.5130, -28.3539, -5.7119
Hunter-Lab	27.9483, -13.2265, 16.1087

# Details

The Hex color **41560E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **230E56**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **73883F**, and **112900** is the 20% darker color. If you saturate the color by 10%, you get **3E5605**, and if you desaturate by 10%, it is **445617**.

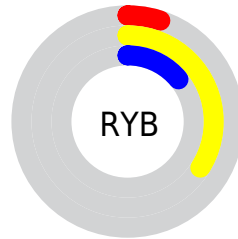
# Distribution



Red (25%)

Green (34%)

Blue (5%)



Red (5%)

Yellow (34%)

Blue (14%)

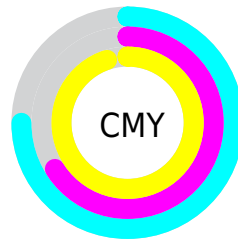


Cyan (24%)

Magenta (0%)

Yellow (84%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41560E 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 41560E by changing the saturation by 10% instead.



 41560E

 41560E

 FFFFFFFA

 2A3F00

 73883F

 112900

 8EA258

 001500

 A9BD71


 000000


 C5D98B

 E1F5A6

 FEFFC1

 FFFFDD

 41560E

 41560E

■ 3E5605

■ 445617

■ 3D5600

■ 46561F

■ 495628

■ 4B5630

■ 4E5639

■ 505642

■ 53564A

■ 555653

■ 58565B

# Harmonies

## Analogous

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



614D03



41560E



0B5B2B

# Triad

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



41560E



005B86



872F52

# Complementary

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



41560E



230E56

# 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.



743972



41560E



005390

# Square

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



41560E



005E6D



4B4789



883332

# Rectangle

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



41560E



005D40



4B4789



83315D



# Sweetspot

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



41560E



687054



56220E



333827



B8B8B8



383838



# Same Dimension

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



41560E



4F7000



1E560E



2A2B27



4C6B00



A6EB00



# Inverse Universe

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



230E56



210070



460E56



28272B



1F006B

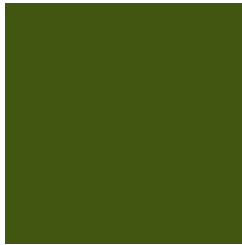


4400EB



# Previews

## White Background



This preview shows how the Hex color 41560E 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

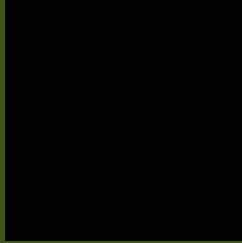
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 41560E Background



This preview shows how black text looks on a background with the Hex color 41560E.



This preview shows how white text looks on a background with the Hex color 41560E.

# 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**  
41560E

**Protanopia**  
594F0C

**Deuteranopia**  
634B15



**Tritanopia**  
495056

# Trichromacy



**Original Color**  
41560E

**Protanomaly**  
50520D

**Deuteranomaly**  
574F12

**Tritanomaly**  
46523C

# Monochromacy



**Original Color**  
41560E

**Achromatopsia**  
484848

**Achromatomaly**  
454D33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41560E 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 #41560E looks like.

```
.text, #text, p{  
    color:#41560E  
}
```

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 #41560E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41560E
}
```

## Border

The CSS property to change the border of an element to Hex 41560E is called "border". The border property can be set on classes, ids or directly on the HTML element.

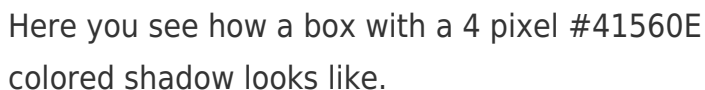
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#41560E }
```

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

```
.border{ border-color:#41560E }
```

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



Here you see how a box with a 4 pixel #41560E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41560E; -webkit-box-shadow:4px 4px  
4px 4px #41560E; box-shadow:4px 4px 4px  
4px #41560E }
```

# Background

The CSS property to change the background color of an element to Hex 41560E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41560E }
```

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

```
.background{ background-color:#41560E }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor