

Converting Colors

Hex(560E05)

Have a look what the booklet for
Hex(560E05) contains.

Hex(560E05)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(560E05)

Conversions

Conversions Part 1

Format	Color
Hex	560E05
RGB	86, 14, 5
RGB Percent	34%, 5%, 2%
CMY	0.6627, 0.9451, 0.9804
CMYK	0.00, 0.84, 0.94, 0.66
HSL	7°, 89%, 18%
HSV	7°, 94%, 34%
XYZ	4.0222, 2.3035, 0.3762
YIQ	34.5020, 45.8010, 12.4650

Conversions

Conversions Part 2

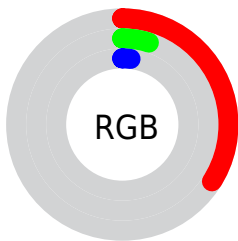
Format	Color
RYB	86, 15, 5
Decimal	5639685
CIELab	17.01, 31.97, 23.94
CIELCh	17, 39.942, 36.822
Yxy	2.3035, 0.6002, 0.3437
Android (android.graphics.Color)	4283829765 (0xFF560E05)
YUV	34.5020, -14.5445, 45.1637
Hunter-Lab	15.1772, 20.7452, 9.1544

Details

The Hex color **560E05** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **054D56**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **8D4032**, and **210001** is the 20% darker color. If you saturate the color by 10%, you get **560A00**, and if you desaturate by 10%, it is **56160E**.

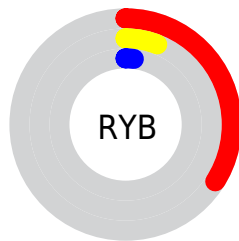
Distribution



Red (34%)

Green (5%)

Blue (2%)



Red (34%)

Yellow (6%)

Blue (2%)

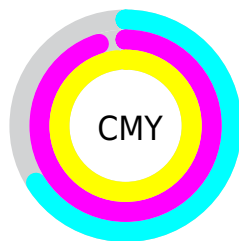


Cyan (0%)

Magenta (84%)

Yellow (94%)

Black (66%)



Cyan (66%)

Magenta (95%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 560E05 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 560E05 by changing the saturation by 10% instead.

 560E05

 560E05

 FFFBE6

 3B0000

 8D4032

 210001

 AA5849

 000000

 C77161

 E58C7A

 FFA694

 FFC2AE

 FFDECA

 560E05

 560E05

■ 560A00

■ 56160E

■ 561D16

■ 56251F

■ 562D27

■ 563430

■ 563C39

■ 564441

■ 564B4A

■ 565352

Harmonies

Analogous

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



5A0025



560E05



462000

Triad

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



560E05



003412



002C64

Complementary

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



560E05



054D56

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.



00335F



560E05



003630

Square

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



560E05



113100



00364C



301F58

Rectangle

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



560E05



382800



00364C



002F64

Sweetspot

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



560E05



705451



56054E



382725



B8B8B8



383838

Same Dimension

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



560E05



700C00



563605



2B2727



6B0C00



EB1A00

Inverse Universe

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



054D56



006470



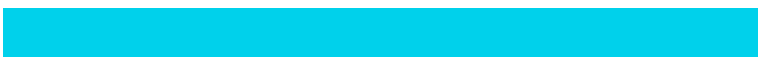
052556



272B2B



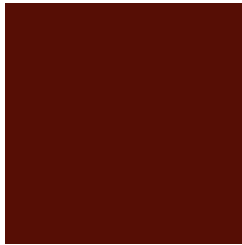
005F6B



00D1EB

Previews

White Background



This preview shows how the Hex color 560E05 looks on a white background.

Color Contrast Check

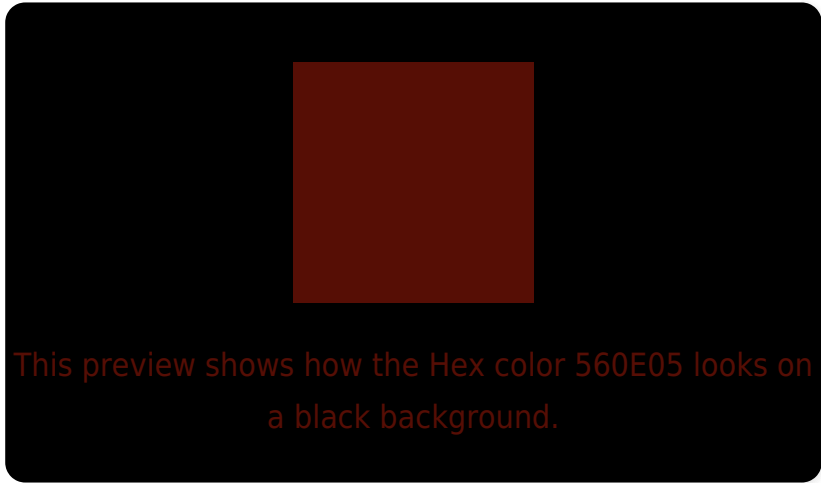
Large Text (above 18pt) WCAG AA ✓ Pass

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

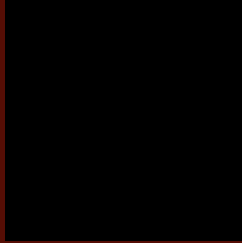
Any Text WCAG AA × Fail

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 560E05 Background



This preview shows how black text looks on a background with the Hex color 560E05.

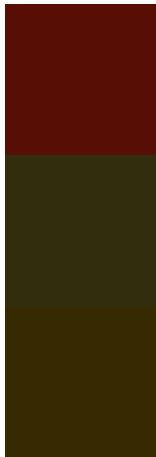


This preview shows how white text looks on a background with the Hex color 560E05.

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

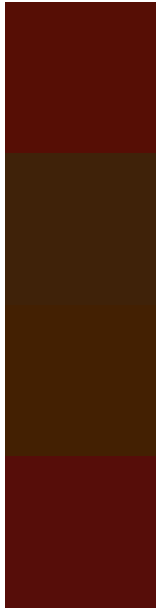


Original Color
560E05

Protanopia
322D0C

Deuteranopia
382A00

Trichromacy



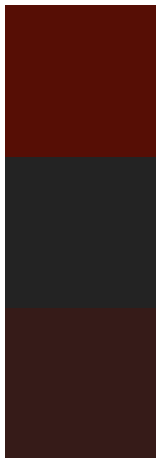
Original Color
560E05

Protanomaly
3F2209

Deuteranomaly
432002

Tritanomaly
560D09

Monochromacy



Original Color
560E05

Achromatopsia
232323

Achromatomaly
361B18

CSS Examples

Text

The CSS property to change the color of the text to Hex 560E05 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 #560E05 looks like.

```
.text, #text, p{  
    color:#560E05  
}
```

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 #560E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #560E05 }  
}
```

Border

The CSS property to change the border of an element to Hex 560E05 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".

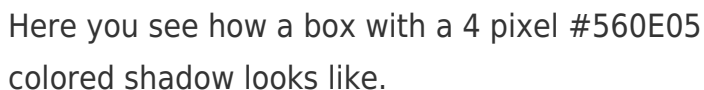
```
.border, #border, table{ border:4px solid #560E05 }  
}
```

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

```
.border{ border-color:#560E05 }
```

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

Here you see how a box with a 4 pixel #560E05 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is visible on the right and bottom sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #560E05; -webkit-box-shadow:4px 4px  
4px 4px #560E05; box-shadow:4px 4px 4px  
4px #560E05 }
```

Background

The CSS property to change the background color of an element to Hex 560E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#560E05 }
```

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

```
.background{ background-color:#560E05 }
```

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