

# Converting Colors

Hex(56140D)

Have a look what the booklet for  
Hex(56140D) contains.

<b>Hex(56140D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(56140D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56140D
RGB	86, 20, 13
RGB Percent	34%, 8%, 5%
CMY	0.6627, 0.9216, 0.9490
CMYK	0.00, 0.77, 0.85, 0.66
HSL	6°, 74%, 19%
HSV	6°, 85%, 34%
XYZ	4.1606, 2.5078, 0.6455
YIQ	38.9360, 41.5830, 11.8150

# Conversions

## Conversions Part 2

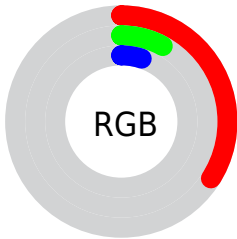
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 21, 13
Decimal	5641229
CIELab	17.95, 29.86, 21.72
CIELCh	18, 36.926, 36.033
Yxy	2.5078, 0.5689, 0.3429
Android (android.graphics.Color)	4283831309 (0xFF56140D)
YUV	38.9360, -12.7864, 41.2751
Hunter-Lab	15.8360, 19.1836, 8.6683

# Details

The Hex color **56140D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0D4F56**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **8D4438**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **560C04**, and if you desaturate by 10%, it is **561C16**.

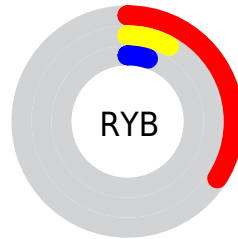
# Distribution



Red (34%)

Green (8%)

Blue (5%)



Red (34%)

Yellow (8%)

Blue (5%)

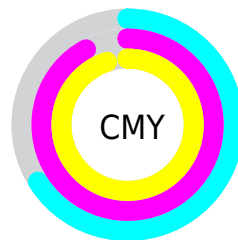


Cyan (0%)

Magenta (77%)

Yellow (85%)

Black (66%)



Cyan (66%)

Magenta (92%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 56140D 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 56140D by changing the saturation by 10% instead.



 56140D

 56140D

 FFFFED

 3C0000

 8D4438

 230001

 A95C4F

 000000

 C67667

 E49080

 FFAB9A

 FFC6B5

 FFE3D1

 56140D

 56140D

■ 560C04

■ 561C16

■ 560800

■ 56241E

■ 562B27

■ 56332F

■ 563B38

■ 564341

■ 564A49

■ 565252

■ 565A5A

# Harmonies

## Analogous

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



5A0928



56140D



482200

# Triad

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



56140D



003615



002E61

# Complementary

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



56140D



0D4F56

# 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.



00345D



56140D



003731

# Square

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



56140D



173300



00374B



322257

# Rectangle

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



56140D



3A2A00



00374B



003062



# Sweetspot

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



56140D



705754



560D50



382927



B8B8B8



383838



# Same Dimension

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



56140D



700B00



56380D



2B2727



6B0A00



EB1600



# Inverse Universe

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



0D4F56



006570



0D2B56



272B2B



00616B

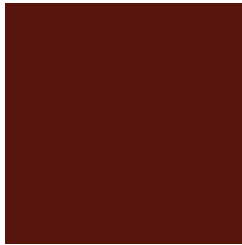


00D4EB



# Previews

## White Background



This preview shows how the Hex color 56140D looks on a white background.

## Color Contrast Check

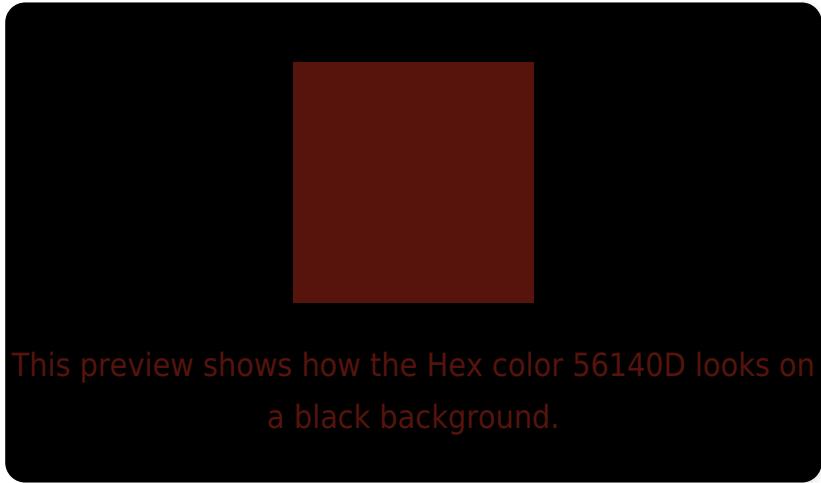
Large Text (above 18pt) WCAG AA ✓ Pass

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

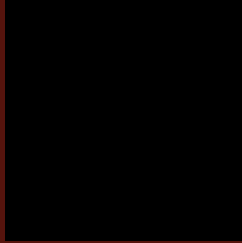
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 56140D Background



This preview shows how black text looks on a background with the Hex color 56140D.

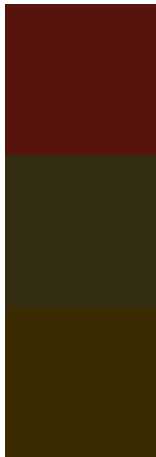


This preview shows how white text looks on a background with the Hex color 56140D.

# 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**  
56140D

**Protanopia**  
332E13

**Deuteranopia**  
3A2C00



**Tritanopia**  
561314

# Trichromacy



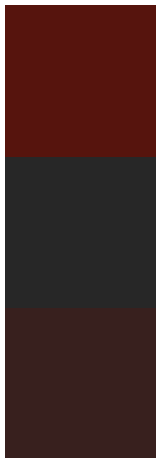
**Original Color**  
56140D

**Protanomaly**  
402511

**Deuteranomaly**  
442305

**Tritanomaly**  
561311

# Monochromacy



**Original Color**  
56140D

**Achromatopsia**  
272727

**Achromatomaly**  
38201E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 56140D 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 #56140D looks like.

```
.text, #text, p{  
    color:#56140D  
}
```

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 #56140D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56140D
}
```

## Border

The CSS property to change the border of an element to Hex 56140D 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".

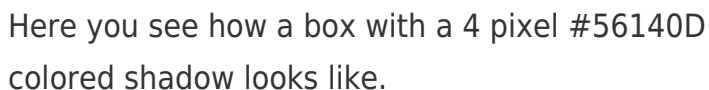
```
.border, #border, table{ border:4px solid
#56140D }
```

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

```
.border{ border-color:#56140D }
```

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

Here you see how a box with a 4 pixel #56140D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56140D; -webkit-box-shadow:4px 4px  
4px 4px #56140D; box-shadow:4px 4px 4px  
4px #56140D }
```

# Background

The CSS property to change the background color of an element to Hex 56140D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56140D }
```

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

```
.background{ background-color:#56140D }
```

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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