

# Converting Colors

Hex(55130F)

Have a look what the booklet for  
Hex(55130F) contains.

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# Color

**Hex(55130F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55130F
RGB	85, 19, 15
RGB Percent	33%, 7%, 6%
CMY	0.6667, 0.9255, 0.9412
CMYK	0.00, 0.78, 0.82, 0.67
HSL	3°, 70%, 20%
HSV	3°, 82%, 33%
XYZ	4.0654, 2.4315, 0.7070
YIQ	38.2780, 40.6200, 12.7480

# Conversions

## Conversions Part 2

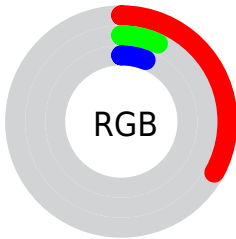
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 19, 15
Decimal	5575439
CIELab	17.61, 30.01, 20.24
CIELCh	18, 36.196, 34.004
Yxy	2.4315, 0.5643, 0.3375
Android (android.graphics.Color)	4283765519 (0xFF55130F)
YUV	38.2780, -11.4761, 40.9752
Hunter-Lab	15.5934, 19.2491, 8.2272

# Details

The Hex color **55130F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0F5155**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **8C4339**, and **210001** is the 20% darker color. If you saturate the color by 10%, you get **550B07**, and if you desaturate by 10%, it is **551B18**.

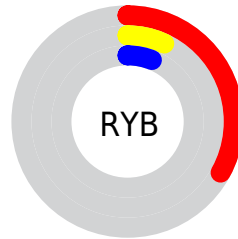
# Distribution



Red (33%)

Green (7%)

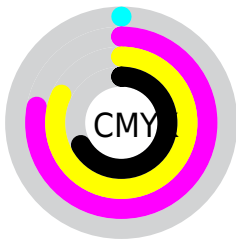
Blue (6%)



Red (33%)

Yellow (7%)

Blue (6%)

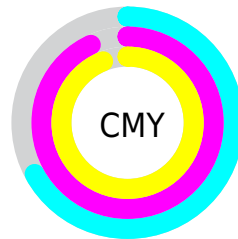


Cyan (0%)

Magenta (78%)

Yellow (82%)

Black (67%)



Cyan (67%)

Magenta (93%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55130F 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 55130F by changing the saturation by 10% instead.



 55130F

 55130F

 FFFFEF

 3B0000

 8C4339

 210001

 A85C50

 000000

 C57569

 E28F82

 FFAA9C

 FFC5B7

 FFE2D2

 55130F

 55130F

■ 550B07

■ 551B18

■ 550500

■ 552320

■ 552B29

■ 553331

■ 553B39

■ 554342

■ 554B4A

■ 555353

■ 555B5C

# Harmonies

## Analogous

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



580A29



55130F



482100

# Triad

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



55130F



003513



002D60

# Complementary

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



55130F



0F5155

# 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.



00345A



55130F



00362E

# Square

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



55130F



1A3200



003648



2E2257

# Rectangle

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



55130F



3B2800



003648



00305F



# Sweetspot

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



55130F



6E5452



550F52



382827



B8B8B8



383838



# Same Dimension

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



55130F



6E0701



55350F



2B2727



6B0600



EB0D00



# Inverse Universe

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



0F5155



01676E



0F2F55



272B2B



00656B

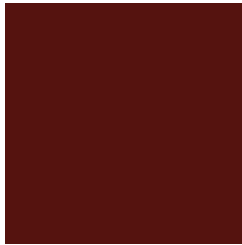


00DDEB



# Previews

## White Background



This preview shows how the Hex color 55130F looks on a white background.

## Color Contrast Check

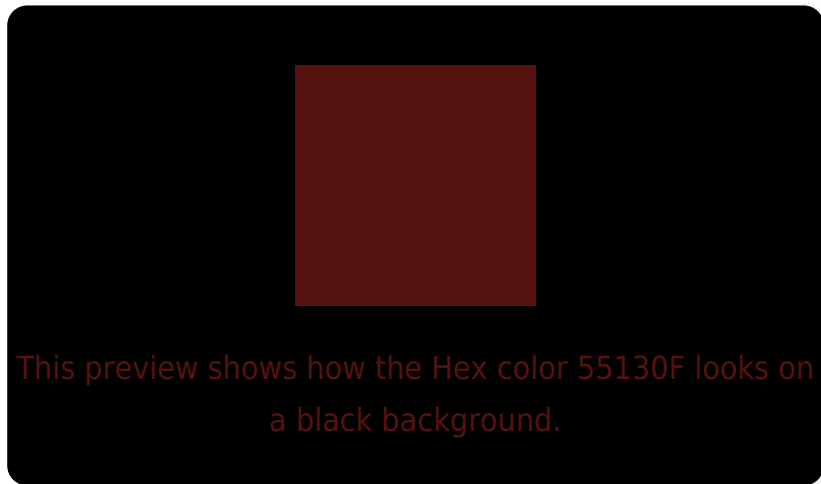
Large Text (above 18pt) WCAG AA ✓ Pass

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 55130F Background



This preview shows how black text looks on a background with the Hex color 55130F.

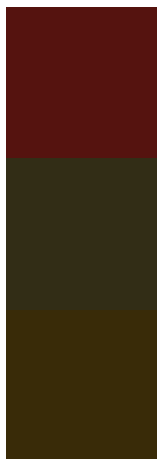


This preview shows how white text looks on a background with the Hex color 55130F.

# 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**  
55130F

**Protanopia**  
322D16

**Deuteranopia**  
392B08



**Tritanopia**  
551313

# Trichromacy



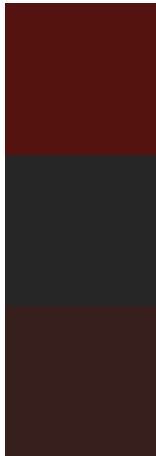
**Original Color**  
55130F

**Protanomaly**  
3F2413

**Deuteranomaly**  
43220B

**Tritanomaly**  
551312

# Monochromacy



**Original Color**  
55130F

**Achromatopsia**  
262626

**Achromatomaly**  
371F1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55130F 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 #55130F looks like.

```
.text, #text, p{  
    color:#55130F  
}
```

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 #55130F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55130F
}
```

## Border

The CSS property to change the border of an element to Hex 55130F is called "border". The border property can be set on classes, ids or directly on the HTML element.

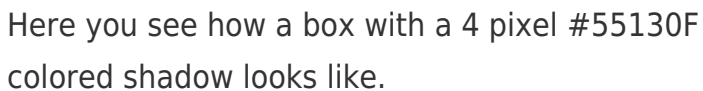
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55130F }
```

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

```
.border{ border-color:#55130F }
```

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



Here you see how a box with a 4 pixel #55130F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55130F; -webkit-box-shadow:4px 4px  
4px 4px #55130F; box-shadow:4px 4px 4px  
4px #55130F }
```

# Background

The CSS property to change the background color of an element to Hex 55130F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55130F }
```

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

```
.background{ background-color:#55130F }
```

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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