

Converting Colors

Hex(55000C)

Have a look what the booklet for
Hex(55000C) contains.

Hex(55000C)	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>	28

Color

Hex(55000C)

Conversions

Conversions Part 1

Format	Color
Hex	55000C
RGB	85, 0, 12
RGB Percent	33%, 0%, 5%
CMY	0.6667, 1.0000, 0.9529
CMYK	0.00, 1.00, 0.86, 0.67
HSL	352°, 100%, 17%
HSV	352°, 100%, 33%
XYZ	3.8127, 1.9578, 0.5248
YIQ	26.7830, 46.8080, 21.7520

Conversions

Conversions Part 2

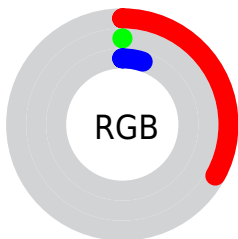
Format	Color
R_{YB}	85, 0, 12
Decimal	5570572
CIE _{Lab}	15.26, 36.40, 18.81
CIE _{LCh}	15, 40.973, 27.331
Yxy	1.9578, 0.6056, 0.3110
Android (android.graphics.Color)	4283760652 (0xFF55000C)
YUV	26.7830, -7.2880, 51.0563
Hunter-Lab	13.9923, 24.1519, 7.5709

Details

The Hex color **55000C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005549**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **8D3737**, and **1E0001** is the 20% darker color. If you saturate the color by 10%, you get **55000C**, and if you desaturate by 10%, it is **550813**.

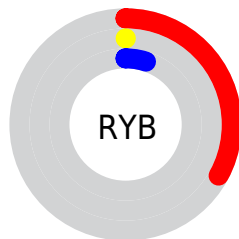
Distribution



Red (33%)

Green (0%)

Blue (5%)



Red (33%)

Yellow (0%)

Blue (5%)

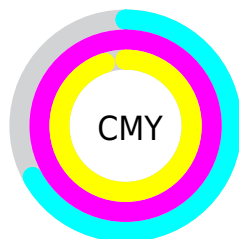


Cyan (0%)

Magenta (100%)

Yellow (86%)

Black (67%)



Cyan (67%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55000C 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 55000C by changing the saturation by 10% instead.

 55000C

 55000C

 FFF3EB

 3A0000

 8D3737

 1E0001

 A9504E

 000000

 C66966

 E4847F

 FF9E99

 FFBAB3

 FFD6CF

 55000C

■ 550813

■ 55111B

■ 551922

■ 552229

■ 552A31

■ 553338

■ 553B3F

■ 554446

■ 554C4E

Harmonies

Analogous

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



55002A



55000C



481600

Triad

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



5500C



003000



002B61

Complementary

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



5500C



005549

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.



003057



55000C



003223

Square

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



55000C



172C00



003240



18205B

Rectangle

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



55000C



3B2100



003240



002D60

Sweetspot

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



55000C



6E4D51



480055



382427



B8B8B8



383838

Same Dimension

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



55000C



6E000F



551E00



2B2728



6B000F



EB0021

Inverse Universe

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



55000C



6E000F



003755



2B2728



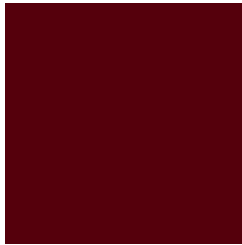
6B000F



EB0021

Previews

White Background



This preview shows how the Hex color 55000C looks on a white background.

Color Contrast Check

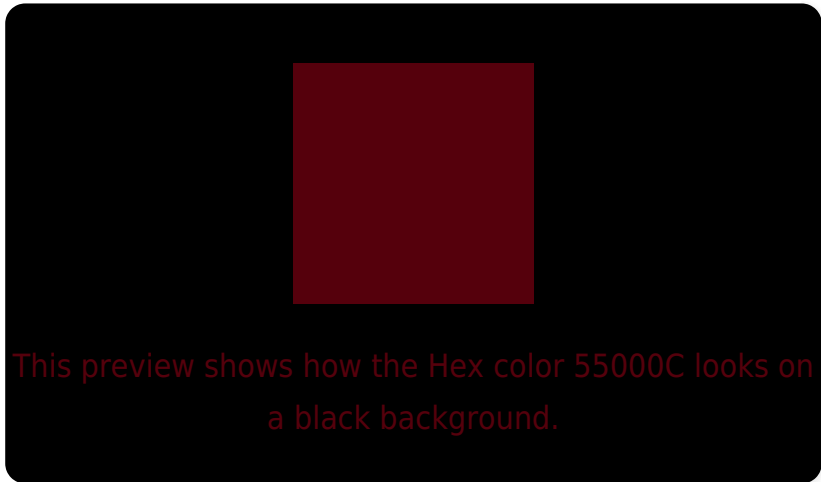
Large Text (above 18pt) WCAG AA ✓ Pass

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

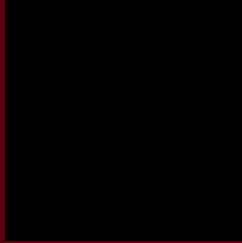
Any Text WCAG AA × Fail

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 55000C Background



This preview shows how black text looks on a background with the Hex color 55000C.



This preview shows how white text looks on a background with the Hex color 55000C.

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
55000C

Protanopia
302B14

Tritanopia
550800

Trichromacy

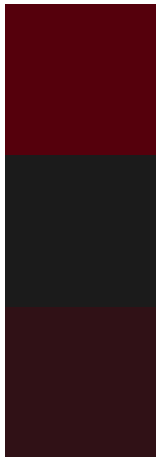


Original Color
5500C

Protanomaly
3D1B11

Tritanomaly
550504

Monochromacy



Original Color
5500C

Achromatopsia
1B1B1B

Achromatomaly
301116

CSS Examples

Text

The CSS property to change the color of the text to Hex 55000C 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 #55000C looks like.

```
.text, #text, p{  
    color:#55000C  
}
```

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 #55000C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55000C
}
```

Border

The CSS property to change the border of an element to Hex 55000C 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
#55000C }
```

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

```
.border{ border-color:#55000C }
```

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

Here you see how a box with a 4 pixel #55000C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55000C; -webkit-box-shadow:4px 4px  
4px 4px #55000C; box-shadow:4px 4px 4px  
4px #55000C }
```

Background

The CSS property to change the background color of an element to Hex 55000C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55000C }
```

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

```
.background{ background-color:#55000C }
```

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