

Converting Colors

Hex(5B090D)

Have a look what the booklet for
Hex(5B090D) contains.

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Color

Hex(5B090D)

Conversions

Conversions Part 1

Format	Color
Hex	5B090D
RGB	91, 9, 13
RGB Percent	36%, 4%, 5%
CMY	0.6431, 0.9647, 0.9490
CMYK	0.00, 0.90, 0.86, 0.64
HSL	357°, 82%, 20%
HSV	357°, 90%, 36%
XYZ	4.4847, 2.4486, 0.6170
YIQ	33.9740, 47.5880, 18.6280

Conversions

Conversions Part 2

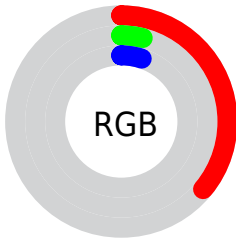
Format	Color
RYB	91, 9, 13
Decimal	5966093
CIELab	17.68, 35.49, 21.66
CIELCh	18, 41.576, 31.405
Yxy	2.4486, 0.5940, 0.3243
Android (android.graphics.Color)	4284156173 (0xFF5B090D)
YUV	33.9740, -10.3402, 50.0118
Hunter-Lab	15.6479, 23.7744, 8.6157

Details

The Hex color **5B090D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **095B57**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **933E38**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **5B0004**, and if you desaturate by 10%, it is **5B1216**.

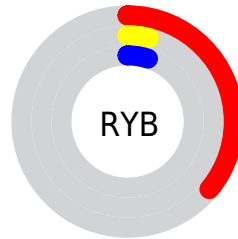
Distribution



Red (36%)

Green (4%)

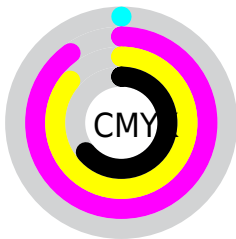
Blue (5%)



Red (36%)

Yellow (4%)

Blue (5%)

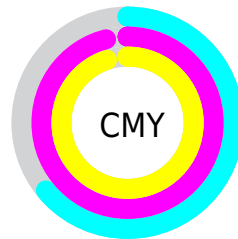


Cyan (0%)

Magenta (90%)

Yellow (86%)

Black (64%)



Cyan (64%)

Magenta (96%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B090D 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 5B090D by changing the saturation by 10% instead.

 5B090D

 5B090D

 FFFAEC

 400000

 933E38

 270001

 B0574F

 000000

 CD7067

 EB8B80

 FFA69A

 FFC1B5

 FFDDDD

 5B090D

 5B090D

■ 5B0004

■ 5B1216

■ 5B1B1E

■ 5B2427

■ 5B2D30

■ 5B3638

■ 5B4041

■ 5B494A

■ 5B5252

■ 5B5B5B

Harmonies

Analogous

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



5D002B



5B090D



4C1E00

Triad

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



5B090D



00360B



002F68

Complementary

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



5B090D



095B57

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.



003560



5B090D



00382C

Square

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



5B090D



173200



00384A



28225F

Rectangle

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



5B090D



3E2700



00384A



003267

Sweetspot

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



5B090D



755657



57095B



3B2829



BABABA



3B3B3B

Same Dimension

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



5B090D



750006



5B2E09



2E292A



6E0005



ED000C

Inverse Universe

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



5B090D



750006



09365B



2E292A



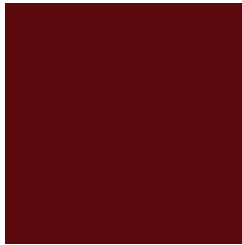
6E0005



ED000C

Previews

White Background



This preview shows how the Hex color 5B090D 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

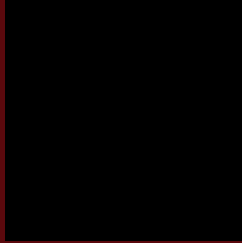
Any Text WCAG AA × Fail

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 5B090D Background



This preview shows how black text looks on a background with the Hex color 5B090D.



This preview shows how white text looks on a background with the Hex color 5B090D.

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
5B090D

Protanopia
332E15

Deuteranopia
3B2C00

Trichromacy



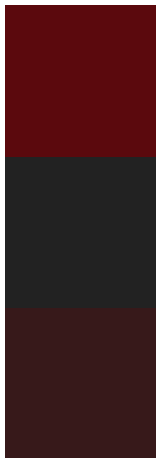
Original Color
5B090D

Protanomaly
422112

Deuteranomaly
471F05

Tritanomaly
5B0A09

Monochromacy



Original Color
5B090D

Achromatopsia
222222

Achromatomaly
37191A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B090D 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 #5B090D looks like.

```
.text, #text, p{  
    color:#5B090D  
}
```

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 #5B090D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B090D
}
```

Border

The CSS property to change the border of an element to Hex 5B090D is called "border". The border property can be set on classes, ids or directly on the HTML element.

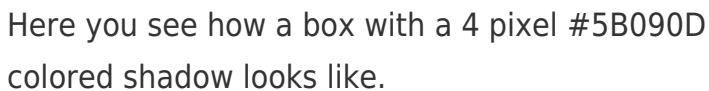
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B090D }
```

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

```
.border{ border-color:#5B090D }
```

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



Here you see how a box with a 4 pixel #5B090D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B090D; -webkit-box-shadow:4px 4px  
4px 4px #5B090D; box-shadow:4px 4px 4px  
4px #5B090D }
```

Background

The CSS property to change the background color of an element to Hex 5B090D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B090D }
```

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

```
.background{ background-color:#5B090D }
```

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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