

Converting Colors

Hex(5D2105)

Have a look what the booklet for
Hex(5D2105) contains.

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Color

Hex(5D2105)

Conversions

Conversions Part 1

Format	Color
Hex	5D2105
RGB	93, 33, 5
RGB Percent	36%, 13%, 2%
CMY	0.6353, 0.8706, 0.9804
CMYK	0.00, 0.65, 0.95, 0.64
HSL	19°, 90%, 19%
HSV	19°, 95%, 36%
XYZ	5.0855, 3.4258, 0.5368
YIQ	47.7480, 44.7480, 4.0120

Conversions

Conversions Part 2

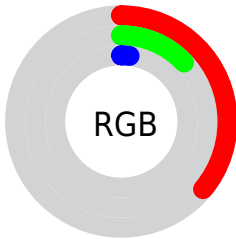
Format	Color
RYB	93, 46, 5
Decimal	6103301
CIELab	21.67, 26.02, 29.69
CIELCh	22, 39.479, 48.772
Yxy	3.4258, 0.5620, 0.3786
Android (android.graphics.Color)	4284293381 (0xFF5D2105)
YUV	47.7480, -21.0748, 39.6860
Hunter-Lab	18.5090, 16.6532, 11.2368

Details

The Hex color **5D2105** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **05415D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **955033**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5D1E00**, and if you desaturate by 10%, it is **5D270E**.

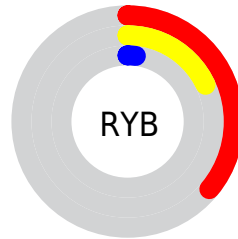
Distribution



Red (36%)

Green (13%)

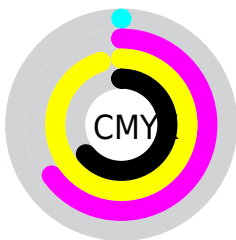
Blue (2%)



Red (36%)

Yellow (18%)

Blue (2%)

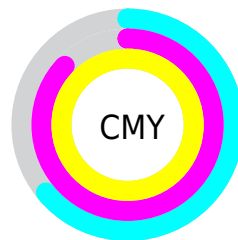


Cyan (0%)

Magenta (65%)

Yellow (95%)

Black (64%)



Cyan (64%)

Magenta (87%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2105 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 5D2105 by changing the saturation by 10% instead.

 5D2105

 5D2105

 FFFFE7

 420900

 955033

 2A0000

 B1694A

 000000

 CE8262

 EC9C7B

 FFB895

 FFD3B0

 FFF0CB

 5D2105

 5D2105

■ 5D1E00

■ 5D270E

■ 5D2E18

■ 5D3421

■ 5D3A2A

■ 5D4133

■ 5D473D

■ 5D4D46

■ 5D544F

■ 5D5A59

Harmonies

Analogous

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



661323



5D2105



4A2F00

Triad

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



5D2105



004028



14316C

Complementary

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



5D2105



05415D

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.



003B6E



5D2105



004146

Square

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



5D2105



033D08



003F60



4B225B

Rectangle

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



5D2105



393500



003F60



00356E

Sweetspot

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



5D2105



786156



5D0541



3D2F28



BDBDBD



3D3D3D

Same Dimension

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



5D2105



782600



5D4D05



2E2B29



6E2300



ED4B00

Inverse Universe

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



05415D



005278



05155D



292C2E



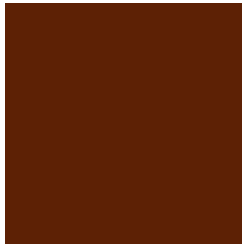
004B6E



00A2ED

Previews

White Background



This preview shows how the Hex color 5D2105 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

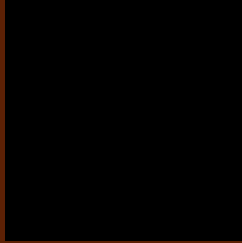
Any Text WCAG AA × Fail

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 5D2105 Background



This preview shows how black text looks on a background with the Hex color 5D2105.



This preview shows how white text looks on a background with the Hex color 5D2105.

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
5D2105

Protanopia
3C350B

Deuteranopia
433300



Tritanopia
5E1F20

Trichromacy



Original Color
5D2105

Protanomaly
482E09

Deuteranomaly
4C2C02

Tritanomaly
5E2016

Monochromacy



Original Color
5D2105

Achromatopsia
303030

Achromatomaly
402B20

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2105 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 #5D2105 looks like.

```
.text, #text, p{  
    color:#5D2105  
}
```

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 #5D2105 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2105
}
```

Border

The CSS property to change the border of an element to Hex 5D2105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

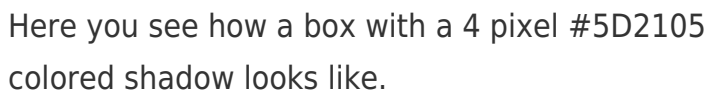
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2105 }
```

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

```
.border{ border-color:#5D2105 }
```

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



Here you see how a box with a 4 pixel #5D2105 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2105; -webkit-box-shadow:4px 4px  
4px 4px #5D2105; box-shadow:4px 4px 4px  
4px #5D2105 }
```

Background

The CSS property to change the background color of an element to Hex 5D2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2105 }
```

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

```
.background{ background-color:#5D2105 }
```

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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