

Converting Colors

Hex(5A290C)

Have a look what the booklet for
Hex(5A290C) contains.

Hex(5A290C)	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>	29

Color

Hex(5A290C)

Conversions

Conversions Part 1

Format	Color
Hex	5A290C
RGB	90, 41, 12
RGB Percent	35%, 16%, 5%
CMY	0.6471, 0.8392, 0.9529
CMYK	0.00, 0.54, 0.87, 0.65
HSL	22°, 76%, 20%
HSV	22°, 87%, 35%
XYZ	5.0757, 3.7861, 0.8111
YIQ	52.3450, 38.5130, 1.3690

Conversions

Conversions Part 2

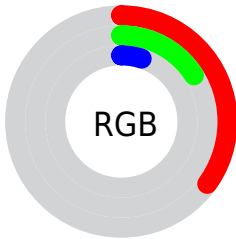
Format	Color
RYB	90, 58, 12
Decimal	5908748
CIELab	22.95, 20.40, 27.97
CIELCh	23, 34.616, 53.901
Yxy	3.7861, 0.5247, 0.3914
Android (android.graphics.Color)	4284098828 (0xFF5A290C)
YUV	52.3450, -19.8901, 33.0234
Hunter-Lab	19.4579, 12.5120, 11.1490

Details

The Hex color **5A290C** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0C3D5A**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **905738**, and **280000** is the 20% darker color. If you saturate the color by 10%, you get **5A2303**, and if you desaturate by 10%, it is **5A2F15**.

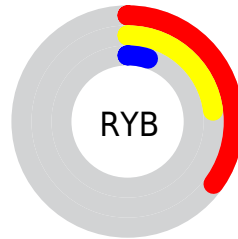
Distribution



Red (35%)

Green (16%)

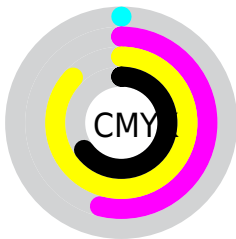
Blue (5%)



Red (35%)

Yellow (23%)

Blue (5%)

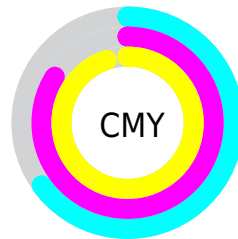


Cyan (0%)

Magenta (54%)

Yellow (87%)

Black (65%)



Cyan (65%)

Magenta (84%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A290C 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 5A290C by changing the saturation by 10% instead.

 5A290C

 5A290C

 FFFFEE

 401300

 905738

 280000

 AD704F

 000000

 C98A68

 E7A481

 FFBF9B

 FFDBB6

 FFF8D2

 5A290C

 5A290C

■ 5A2303

■ 5A2F15

■ 5A2100

■ 5A341E

■ 5A3A27

■ 5A4030

■ 5A4539

■ 5A4B42

■ 5A514B

■ 5A5654

■ 5A5C5D

Harmonies

Analogous

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



641E23



5A290C



483400

Triad

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



5A290C



004230



2C3266

Complementary

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



5A290C



0C3D5A

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.



003B6A



5A290C



00434B

Square

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



5A290C



084016



004160



512656

Rectangle

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



5A290C



383900



004160



143669

Sweetspot

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



5A290C



756257



5A0C3D



3B2F28



BABABA



3B3B3B

Same Dimension

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



5A290C



752C00



5A500C



2E2B29



6E2900



ED5800

Inverse Universe

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



0C3D5A



004A75



0C165A



292C2E



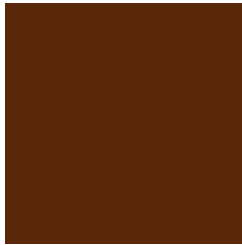
00456E



0095ED

Previews

White Background



This preview shows how the Hex color 5A290C 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

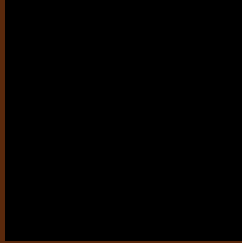
Any Text WCAG AA × Fail

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 5A290C Background



This preview shows how black text looks on a background with the Hex color 5A290C.



This preview shows how white text looks on a background with the Hex color 5A290C.

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
5A290C

Protanopia
3E3810

Deuteranopia
463502



Tritanopia
5B2629

Trichromacy



Original Color
5A290C

Protanomaly
48330F

Deuteranomaly
4D3106

Tritanomaly
5B271E

Monochromacy



Original Color
5A290C

Achromatopsia
343434

Achromatomaly
423025

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A290C 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 #5A290C looks like.

```
.text, #text, p{  
    color:#5A290C  
}
```

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 #5A290C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A290C
}
```

Border

The CSS property to change the border of an element to Hex 5A290C 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
#5A290C }
```

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

```
.border{ border-color:#5A290C }
```

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

Here you see how a box with a 4 pixel #5A290C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A290C; -webkit-box-shadow:4px 4px  
4px 4px #5A290C; box-shadow:4px 4px 4px  
4px #5A290C }
```

Background

The CSS property to change the background color of an element to Hex 5A290C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A290C }
```

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

```
.background{ background-color:#5A290C }
```

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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