

# Converting Colors

Hex(5D2902)

Have a look what the booklet for  
Hex(5D2902) contains.

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**Color**

**Hex(5D2902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D2902
RGB	93, 41, 2
RGB Percent	36%, 16%, 1%
CMY	0.6353, 0.8392, 0.9922
CMYK	0.00, 0.56, 0.98, 0.64
HSL	26°, 96%, 19%
HSV	26°, 98%, 36%
XYZ	5.3181, 3.9174, 0.5333
YIQ	52.1020, 43.5110, -1.1050

# Conversions

## Conversions Part 2

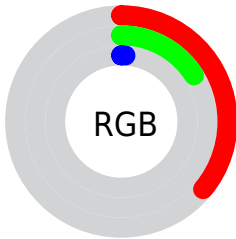
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 70, 2
Decimal	6105346
CIELab	23.40, 21.43, 32.71
CIElCh	23, 39.104, 56.775
Yxy	3.9174, 0.5444, 0.4010
Android (android.graphics.Color)	4284295426 (0xFF5D2902)
YUV	52.1020, -24.7003, 35.8675
Hunter-Lab	19.7925, 13.3249, 12.2573

# Details

The Hex color **5D2902** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **02365D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **945731**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5D2800**, and if you desaturate by 10%, it is **5D2E0B**.

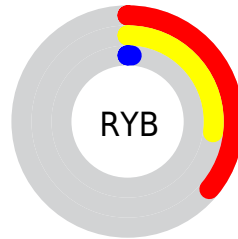
# Distribution



Red (36%)

Green (16%)

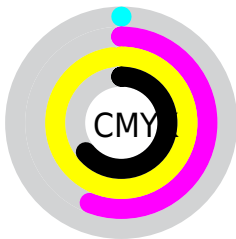
Blue (1%)



Red (36%)

Yellow (27%)

Blue (1%)

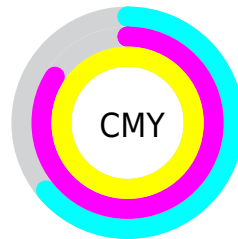


Cyan (0%)

Magenta (56%)

Yellow (98%)

Black (64%)



Cyan (64%)

Magenta (84%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D2902 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 5D2902 by changing the saturation by 10% instead.



 5D2902

 5D2902

 FFFFE6

 421300

 945731

 2A0000

 B17048

 000000

 CE8A60

 EBA479

 FFC093

 FFDCAE

 FFF8CA

 5D2902

 5D2902

■ 5D2800

■ 5D2E0B

■ 5D3415

■ 5D391E

■ 5D3E27

■ 5D4431

■ 5D493A

■ 5D4E43

■ 5D544C

■ 5D5956

# Harmonies

## Analogous

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



691B1F



5D2902



483500

# Triad

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



5D2902



004434



2F316C

# Complementary

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



5D2902



02365D

# 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.



003C73



5D2902



004551

# Square

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



5D2902



004215



004269



572258

# Rectangle

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



5D2902



363B00



004269



143670



# Sweetspot

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



5D2902



786455



5D0237



3D3128



BDBDBD



3D3D3D



# Same Dimension

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



5D2902



783300



5D5502



2E2B29



6E2F00



ED6600



# Inverse Universe

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



02365D



004478



020A5D



292C2E



003F6E

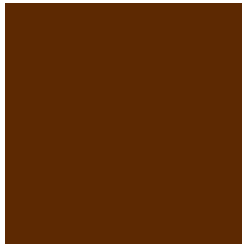


0088ED



# Previews

## White Background



This preview shows how the Hex color 5D2902 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

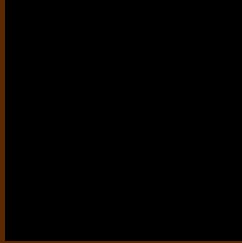
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D2902 Background



This preview shows how black text looks on a background with the Hex color 5D2902.



This preview shows how white text looks on a background with the Hex color 5D2902.

# 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**  
5D2902

**Protanopia**  
403909

**Deuteranopia**  
483600



**Tritanopia**  
5E2629

# Trichromacy



**Original Color**  
5D2902

**Protanomaly**  
4B3306

**Deuteranomaly**  
503101

**Tritanomaly**  
5E271B

# Monochromacy



**Original Color**  
5D2902

**Achromatopsia**  
343434

**Achromatomaly**  
433022

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D2902 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 #5D2902 looks like.

```
.text, #text, p{  
    color:#5D2902  
}
```

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 #5D2902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2902
}
```

## Border

The CSS property to change the border of an element to Hex 5D2902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

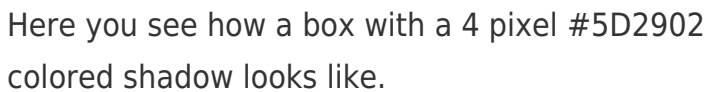
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2902 }
```

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

```
.border{ border-color:#5D2902 }
```

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



Here you see how a box with a 4 pixel #5D2902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2902; -webkit-box-shadow:4px 4px  
4px 4px #5D2902; box-shadow:4px 4px 4px  
4px #5D2902 }
```

# Background

The CSS property to change the background color of an element to Hex 5D2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2902 }
```

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

```
.background{ background-color:#5D2902 }
```

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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