

# Converting Colors

Hex(5D2700)

Have a look what the booklet for  
Hex(5D2700) contains.

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**Color**

**Hex(5D2700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D2700
RGB	93, 39, 0
RGB Percent	36%, 15%, 0%
CMY	0.6353, 0.8471, 1.0000
CMYK	0.00, 0.58, 1.00, 0.64
HSL	25°, 100%, 18%
HSV	25°, 100%, 36%
XYZ	5.2397, 3.7782, 0.4531
YIQ	50.7000, 44.7030, -0.6810

# Conversions

## Conversions Part 2

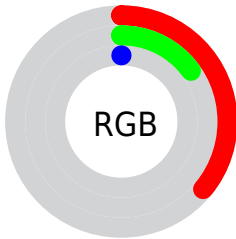
Format	Color
<a href="#">RYB</a>	<a href="#">93, 67, 0</a>
Decimal	<a href="#">6104832</a>
CIELab	<a href="#">22.92, 22.52, 33.04</a>
CIElCh	<a href="#">23, 39.987, 55.727</a>
Yxy	<a href="#">3.7782, 0.5532, 0.3989</a>
Android (android.graphics.Color)	<a href="#">4284294912</a> (0xFF5D2700)
YUV	<a href="#">50.7000, -24.9951, 37.0971</a>
Hunter-Lab	<a href="#">19.4376, 14.1019, 12.2242</a>

# Details

The Hex color **5D2700** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00365D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **94552F**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5D2700**, and if you desaturate by 10%, it is **5D2C09**.

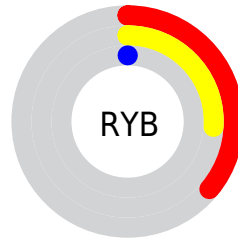
# Distribution



Red (36%)

Green (15%)

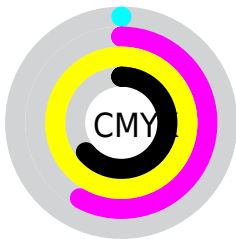
Blue (0%)



Red (36%)

Yellow (26%)

Blue (0%)

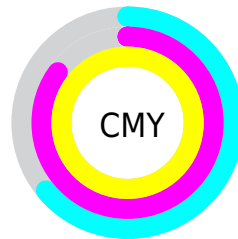


Cyan (0%)

Magenta (58%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D2700 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 5D2700 by changing the saturation by 10% instead.



 5D2700

 5D2700

 FFFFE4

 421100

 94552F

 2A0000

 B16E46

 000000

 CE885F

 ECA278

 FFBD92

 FFD9AC

 FFF6C8

 5D2700

 5D2C09

 5D3213

 5D371C

 5D3D25

 5D422F

 5D4738

 5D4D41

 5D524A

 5D5854

# Harmonies

## Analogous

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



69181F



5D2700



483400

# Triad

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



5D2700



004331



2B316D

# Complementary

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



5D2700



00365D

# 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



5D2700



004450

# Square

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



5D2700



004112



004268



562159

# Rectangle

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



5D2700



363A00



004268



083571



# Sweetspot

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



5D2700



786354



5D0036



3D3027



BDBDBD



3D3D3D



# Same Dimension

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



5D2700



783200



5D5500



2E2B29



6E2E00



ED6300



# Inverse Universe

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



00365D



004678



00085D



292C2E



00406E

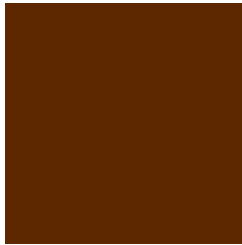


008AED



# Previews

## White Background



This preview shows how the Hex color 5D2700 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

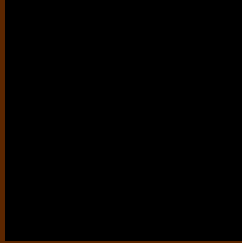
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D2700 Background



This preview shows how black text looks on a background with the Hex color 5D2700.



This preview shows how white text looks on a background with the Hex color 5D2700.

# 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**  
5D2700

**Protanopia**  
3F3809

**Deuteranopia**  
473500



**Tritanopia**  
5E2427

# Trichromacy



**Original Color**  
5D2700

**Protanomaly**  
4A3206

**Deuteranomaly**  
4F3000

**Tritanomaly**  
5E2519

# Monochromacy



**Original Color**  
5D2700

**Achromatopsia**  
333333

**Achromatomaly**  
422F20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D2700 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 #5D2700 looks like.

```
.text, #text, p{  
    color:#5D2700  
}
```

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 #5D2700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2700
}
```

## Border

The CSS property to change the border of an element to Hex 5D2700 is called "border". The border property can be set on classes, ids or directly on the HTML element.

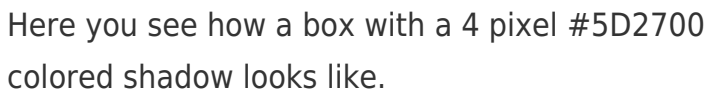
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2700 }
```

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

```
.border{ border-color:#5D2700 }
```

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



Here you see how a box with a 4 pixel #5D2700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2700; -webkit-box-shadow:4px 4px  
4px 4px #5D2700; box-shadow:4px 4px 4px  
4px #5D2700 }
```

# Background

The CSS property to change the background color of an element to Hex 5D2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2700 }
```

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

```
.background{ background-color:#5D2700 }
```

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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