

Converting Colors

Hex(5D280B)

Have a look what the booklet for
Hex(5D280B) contains.

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Color

Hex(5D280B)

Conversions

Conversions Part 1

Format	Color
Hex	5D280B
RGB	93, 40, 11
RGB Percent	36%, 16%, 4%
CMY	0.6353, 0.8431, 0.9569
CMYK	0.00, 0.57, 0.88, 0.64
HSL	21°, 79%, 20%
HSV	21°, 88%, 36%
XYZ	5.3334, 3.8689, 0.7823
YIQ	52.5410, 40.8970, 2.2170

Conversions

Conversions Part 2

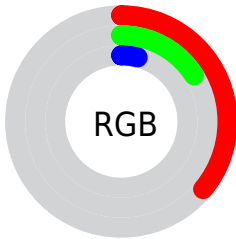
Format	Color
RYB	93, 56, 11
Decimal	6105099
CIELab	23.23, 22.31, 28.87
CIELCh	23, 36.486, 52.298
Yxy	3.8689, 0.5342, 0.3875
Android (android.graphics.Color)	4284295179 (0xFF5D280B)
YUV	52.5410, -20.4797, 35.4825
Hunter-Lab	19.6695, 13.9787, 11.4106

Details

The Hex color **5D280B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B405D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **945737**, and **2A0000** is the 20% darker color. If you saturate the color by 10%, you get **5D2202**, and if you desaturate by 10%, it is **5D2E14**.

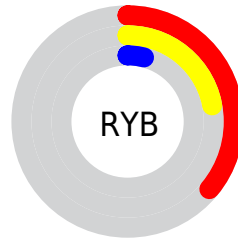
Distribution



Red (36%)

Green (16%)

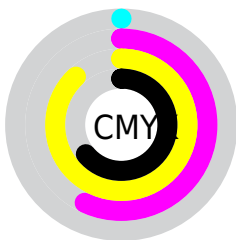
Blue (4%)



Red (36%)

Yellow (22%)

Blue (4%)

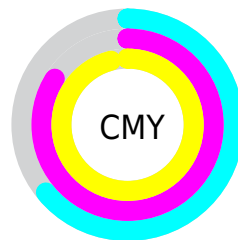


Cyan (0%)

Magenta (57%)

Yellow (88%)

Black (64%)



Cyan (64%)

Magenta (84%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D280B 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 5D280B by changing the saturation by 10% instead.

 5D280B

 5D280B

 FFFFED

 431200

 945737

 2A0000

 B06F4F

 000000

 CD8967

 EBA380

 FFBF9A

 FFDBB5

 FFF7D1

 5D280B

 5D280B

■ 5D2202

■ 5D2E14

■ 5D2100

■ 5D341E

■ 5D3A27

■ 5D4030

■ 5D463A

■ 5D4C43

■ 5D524C

■ 5D5855

■ 5D5E5F

Harmonies

Analogous

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



671C24



5D280B



4A3400

Triad

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



5D280B



00432F



27336A

Complementary

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



5D280B



0B405D

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.



003D6E



5D280B



00444B

Square

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



5D280B



074113



004262



512659

Rectangle

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



5D280B



3A3A00



004262



07376D

Sweetspot

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



5D280B



786459



5D0B40



3D312A



BDBDBD



3D3D3D

Same Dimension

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



5D280B



782A00



5D510B



2E2B29



6E2700



ED5400

Inverse Universe

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



0B405D



004D78



0B175D



292C2E



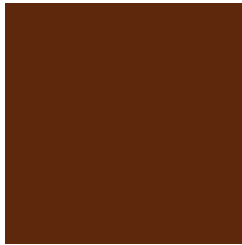
00476E



0099ED

Previews

White Background



This preview shows how the Hex color 5D280B 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

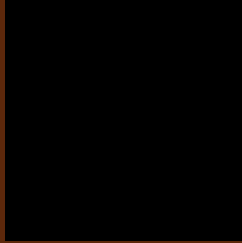
Any Text WCAG AA × Fail

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 5D280B Background



This preview shows how black text looks on a background with the Hex color 5D280B.



This preview shows how white text looks on a background with the Hex color 5D280B.

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
5D280B

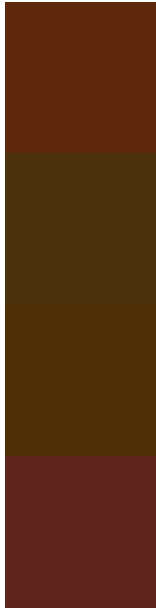
Protanopia
3F390F

Deuteranopia
473500



Tritanopia
5E2528

Trichromacy



Original Color
5D280B

Protanomaly
4A330E

Deuteranomaly
4F3004

Tritanomaly
5E261D

Monochromacy



Original Color
5D280B

Achromatopsia
353535

Achromatomaly
443026

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D280B 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 #5D280B looks like.

```
.text, #text, p{  
    color:#5D280B  
}
```

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 #5D280B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D280B
}
```

Border

The CSS property to change the border of an element to Hex 5D280B 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".

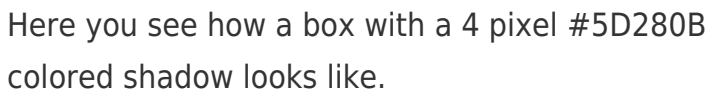
```
.border, #border, table{ border:4px solid
#5D280B }
```

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

```
.border{ border-color:#5D280B }
```

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

Here you see how a box with a 4 pixel #5D280B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D280B; -webkit-box-shadow:4px 4px  
4px 4px #5D280B; box-shadow:4px 4px 4px  
4px #5D280B }
```

Background

The CSS property to change the background color of an element to Hex 5D280B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D280B }
```

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

```
.background{ background-color:#5D280B }
```

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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