

Converting Colors

Hex(5D1A00)

Have a look what the booklet for
Hex(5D1A00) contains.

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Color

Hex(5D1A00)

Conversions

Conversions Part 1

Format	Color
Hex	5D1A00
RGB	93, 26, 0
RGB Percent	36%, 10%, 0%
CMY	0.6353, 0.8980, 1.0000
CMYK	0.00, 0.72, 1.00, 0.64
HSL	17°, 100%, 18%
HSV	17°, 100%, 36%
XYZ	4.8836, 3.0659, 0.3344
YIQ	43.0690, 48.2780, 6.1180

Conversions

Conversions Part 2

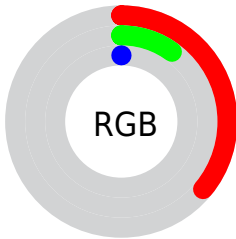
Format	Color
R_{YB}	93, 36, 0
Decimal	6101504
CIE Lab	20.31, 29.39, 30.23
CIE LCh	20, 42.160, 45.805
Yxy	3.0659, 0.5895, 0.3701
Android (android.graphics.Color)	4284291584 (0xFF5D1A00)
YUV	43.0690, -21.2330, 43.7895
Hunter-Lab	17.5098, 19.1425, 11.1246

Details

The Hex color **5D1A00** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00435D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **954A2F**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **5D1A00**, and if you desaturate by 10%, it is **5D2109**.

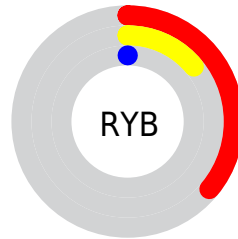
Distribution



Red (36%)

Green (10%)

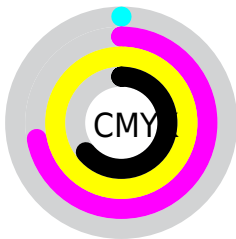
Blue (0%)



Red (36%)

Yellow (14%)

Blue (0%)

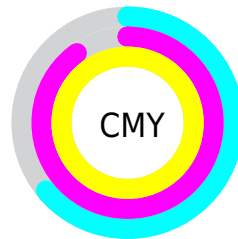


Cyan (0%)

Magenta (72%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D1A00 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 5D1A00 by changing the saturation by 10% instead.

 5D1A00

 5D1A00

 FFFFE3

 420100

 954A2F

 2B0001

 B26246

 000000

 CF7C5E

 ED9677

 FFB190

 FFCDAB

 FFE9C7

 5D1A00

■ 5D2109

■ 5D2713

■ 5D2E1C

■ 5D3525

■ 5D3C2F

■ 5D4238

■ 5D4941

■ 5D504A

■ 5D5654

Harmonies

Analogous

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



660622



5D1A00



492A00

Triad

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



5D1A00



003D21



002F6D

Complementary

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



5D1A00



00435D

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.



00396E



5D1A00



003E41

Square

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



5D1A00



023A00



003D5D



461F5D

Rectangle

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



5D1A00



383200



003D5D



00336F

Sweetspot

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



5D1A00



785E54



5D0044



3D2D27



BDBDBD



3D3D3D

Same Dimension

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



5D1A00



782200



5D4700



2E2B29



6E1F00



ED4200

Inverse Universe

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



00435D



005678



00165D



292D2E



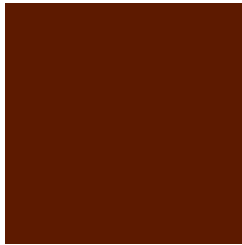
004F6E



00ABED

Previews

White Background



This preview shows how the Hex color 5D1A00 looks on a white background.

Color Contrast Check

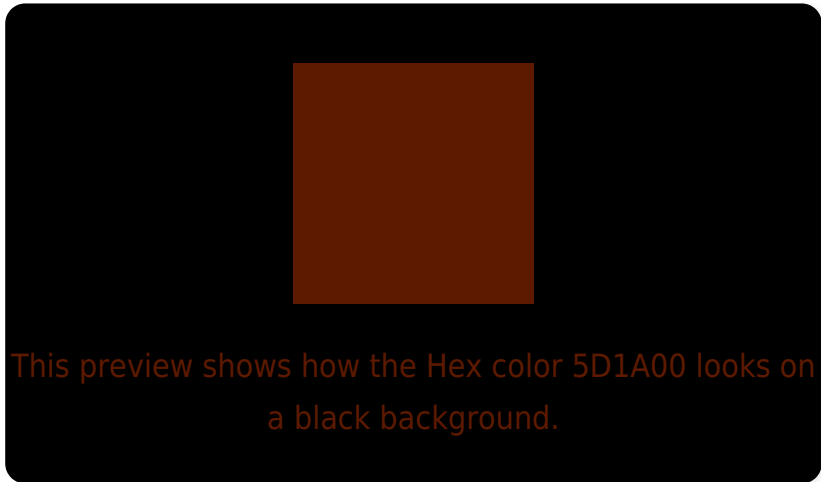
Large Text (above 18pt) WCAG AA ✓ Pass

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

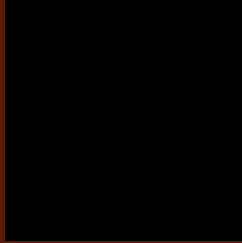
Any Text WCAG AA × Fail

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 5D1A00 Background



This preview shows how black text looks on a background with the Hex color 5D1A00.



This preview shows how white text looks on a background with the Hex color 5D1A00.

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
5D1A00

Protanopia
39330A

Deuteranopia
403000



Tritanopia
5D1819

Trichromacy



Original Color
5D1A00

Protanomaly
462A06

Deuteranomaly
4B2800

Tritanomaly
5D1910

Monochromacy



Original Color
5D1A00

Achromatopsia
2B2B2B

Achromatomaly
3D251B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D1A00 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 #5D1A00 looks like.

```
.text, #text, p{  
    color:#5D1A00  
}
```

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 #5D1A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D1A00
}
```

Border

The CSS property to change the border of an element to Hex 5D1A00 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".

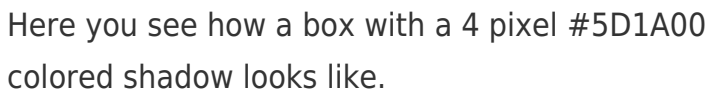
```
.border, #border, table{ border:4px solid
#5D1A00 }
```

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

```
.border{ border-color:#5D1A00 }
```

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

Here you see how a box with a 4 pixel #5D1A00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D1A00; -webkit-box-shadow:4px 4px  
4px 4px #5D1A00; box-shadow:4px 4px 4px  
4px #5D1A00 }
```

Background

The CSS property to change the background color of an element to Hex 5D1A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D1A00 }
```

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

```
.background{ background-color:#5D1A00 }
```

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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