

Converting Colors

Hex(5D0300)

Have a look what the booklet for
Hex(5D0300) contains.

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Color

Hex(5D0300)

Conversions

Conversions Part 1

Format	Color
Hex	5D0300
RGB	93, 3, 0
RGB Percent	36%, 1%, 0%
CMY	0.6353, 0.9882, 1.0000
CMYK	0.00, 0.97, 1.00, 0.64
HSL	2°, 100%, 18%
HSV	2°, 100%, 36%
XYZ	4.5468, 2.3923, 0.2221
YIQ	29.5680, 54.6030, 18.1470

Conversions

Conversions Part 2

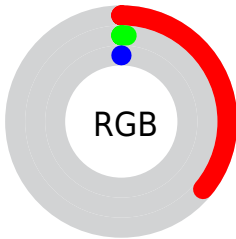
Format	Color
R _Y B	93, 3, 0
Decimal	6095616
CIE Lab	17.42, 37.44, 26.86
CIE LCh	17, 46.078, 35.664
Yxy	2.3923, 0.6349, 0.3341
Android (android.graphics.Color)	4284285696 (0xFF5D0300)
YUV	29.5680, -14.5770, 55.6299
Hunter-Lab	15.4670, 25.4056, 9.9755

Details

The Hex color **5D0300** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005A5D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **963B2F**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5D0300**, and if you desaturate by 10%, it is **5D0C09**.

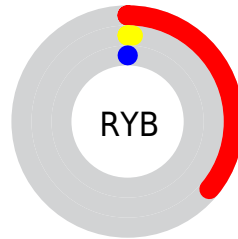
Distribution



Red (36%)

Green (1%)

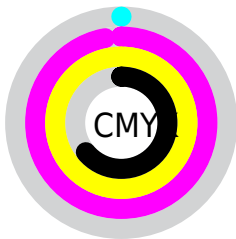
Blue (0%)



Red (36%)

Yellow (1%)

Blue (0%)

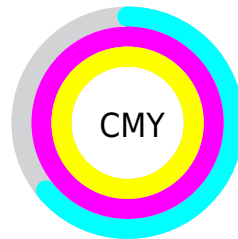


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (99%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D0300 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 5D0300 by changing the saturation by 10% instead.

 5D0300

 5D0300

 FFF8E2

 410000

 963B2F

 280001

 B35445

 000000

 D16E5D

 EF8876

 FFA390

 FFBEAA

 FFDBC6

 5D0300

 5D0C09

 5D1513

 5D1E1C

 5D2725

 5D302F

 5D3938

 5D4241

 5D4B4A

 5D5454

Harmonies

Analogous

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



620026



5D0300



4B1E00

Triad

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



5D0300



00360C



002E6E

Complementary

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



5D0300



005A5D

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.



003568



5D0300



003830

Square

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



5D0300



0A3300



003851



2F1E61

Rectangle

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



5D0300



3A2800



003851



00316E

Sweetspot

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



5D0300



785554



5D005B



3D2827



BDBDBD



3D3D3D

Same Dimension

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



5D0300



780400



5D3000



2E2929



6E0400



ED0800

Inverse Universe

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



005A5D



007478



002D5D



292E2E



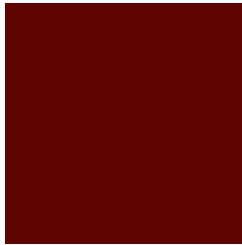
006A6E



00E6ED

Previews

White Background



This preview shows how the Hex color 5D0300 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

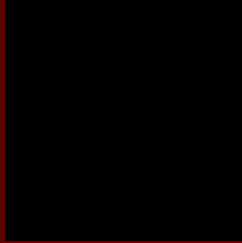
Any Text WCAG AA × Fail

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 5D0300 Background



This preview shows how black text looks on a background with the Hex color 5D0300.

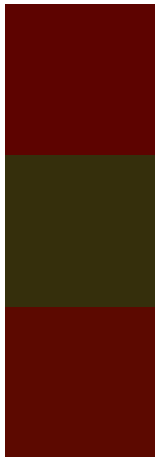


This preview shows how white text looks on a background with the Hex color 5D0300.

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
5D0300

Protanopia
352F0C

Tritanopia
5C0900

Trichromacy

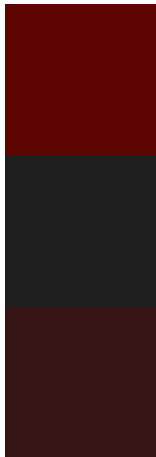


Original Color
5D0300

Protanomaly
441F08

Tritanomaly
5C0700

Monochromacy



Original Color
5D0300

Achromatopsia
1E1E1E

Achromatomaly
351413

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D0300 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 #5D0300 looks like.

```
.text, #text, p{  
    color:#5D0300  
}
```

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 #5D0300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0300
}
```

Border

The CSS property to change the border of an element to Hex 5D0300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

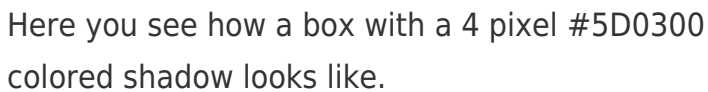
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D0300 }
```

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

```
.border{ border-color:#5D0300 }
```

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



Here you see how a box with a 4 pixel #5D0300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0300; -webkit-box-shadow:4px 4px  
4px 4px #5D0300; box-shadow:4px 4px 4px  
4px #5D0300 }
```

Background

The CSS property to change the background color of an element to Hex 5D0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0300 }
```

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

```
.background{ background-color:#5D0300 }
```

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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