

Converting Colors

Hex(5D0010)

Have a look what the booklet for
Hex(5D0010) contains.

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Color

Hex(5D0010)

Conversions

Conversions Part 1

Format	Color
Hex	5D0010
RGB	93, 0, 16
RGB Percent	36%, 0%, 6%
CMY	0.6353, 1.0000, 0.9373
CMYK	0.00, 1.00, 0.83, 0.64
HSL	350°, 100%, 18%
HSV	350°, 100%, 36%
XYZ	4.6077, 2.3646, 0.7038
YIQ	29.6310, 50.2920, 24.6920

Conversions

Conversions Part 2

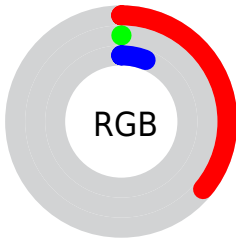
Format	Color
RYB	93, 0, 16
Decimal	6094864
CIELab	17.29, 38.80, 19.75
CIELCh	17, 43.540, 26.978
Yxy	2.3646, 0.6003, 0.3080
Android (android.graphics.Color)	4284284944 (0xFF5D0010)
YUV	29.6310, -6.7201, 55.5746
Hunter-Lab	15.3771, 26.5771, 8.0505

Details

The Hex color **5D0010** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005D4D**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **95393A**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5D0010**, and if you desaturate by 10%, it is **5D0918**.

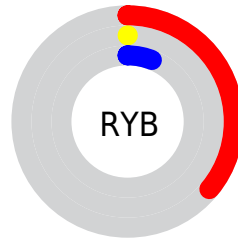
Distribution



Red (36%)

Green (0%)

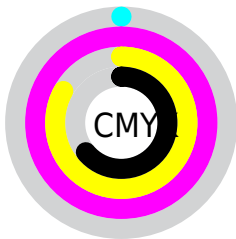
Blue (6%)



Red (36%)

Yellow (0%)

Blue (6%)

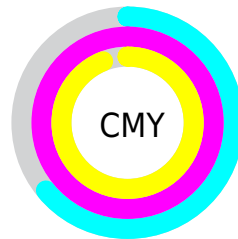


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (64%)



Cyan (64%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D0010 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 5D0010 by changing the saturation by 10% instead.

 5D0010

 5D0010

 FFF7EF

 420000

 95393A

 280001

 B25351

 000000

 D06C69

 EE8782

 FFA29C

 FFBDB7

 FFDAD3

 5D0010

 5D0918

 5D131F

 5D1C27

 5D252F

 5D2F36

 5D383E

 5D4146

 5D4A4E

 5D5455

Harmonies

Analogous

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



5D002F



5D0010



4F1900

Triad

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



5D0010



003501



00306A

Complementary

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



5D0010



005D4D

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.



00365F



5D0010



003726

Square

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



5D0010



1A3100



003746



1A2463

Rectangle

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



5D0010



412400



003746



003268

Sweetspot

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



5D0010



78545A



4C005D



3D272B



BDBDBD



3D3D3D

Same Dimension

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



5D0010



780015



5D1D00



2E292A



6E0013



ED0029

Inverse Universe

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



5D0010



780015



00405D



2E292A



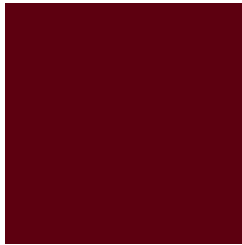
6E0013



ED0029

Previews

White Background



This preview shows how the Hex color 5D0010 looks on a white background.

Color Contrast Check

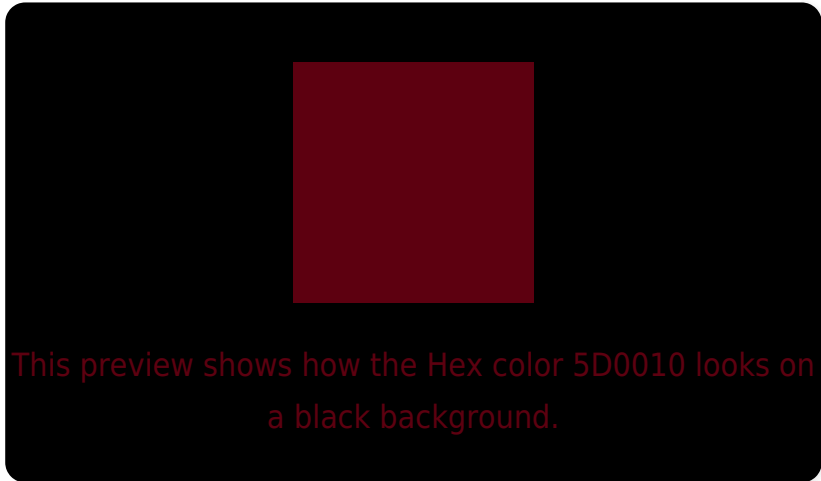
Large Text (above 18pt) WCAG AA ✓ Pass

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

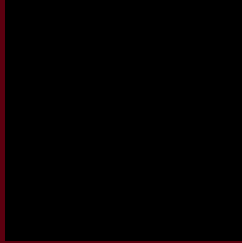
Any Text WCAG AA × Fail

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 5D0010 Background



This preview shows how black text looks on a background with the Hex color 5D0010.

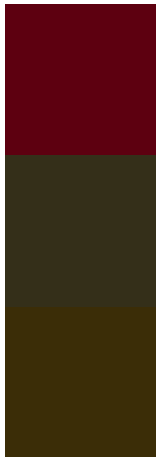


This preview shows how white text looks on a background with the Hex color 5D0010.

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
5D0010

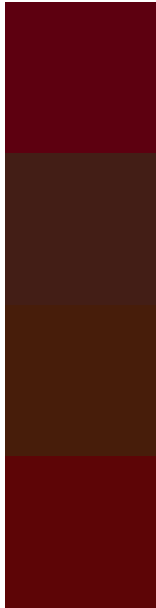
Protanopia
342F19

Deuteranopia
3B2D07



Tritanopia
5D0800

Trichromacy



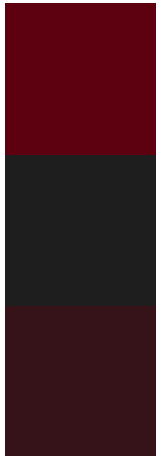
Original Color
5D0010

Protanomaly
431E16

Deuteranomaly
471D0A

Tritanomaly
5D0506

Monochromacy



Original Color
5D0010

Achromatopsia
1E1E1E

Achromatomaly
351319

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D0010 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 #5D0010 looks like.

```
.text, #text, p{  
    color:#5D0010  
}
```

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 #5D0010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0010
}
```

Border

The CSS property to change the border of an element to Hex 5D0010 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".

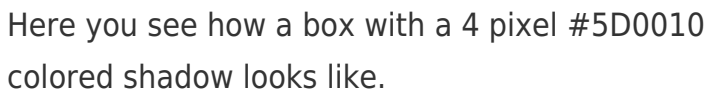
```
.border, #border, table{ border:4px solid
#5D0010 }
```

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

```
.border{ border-color:#5D0010 }
```

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

Here you see how a box with a 4 pixel #5D0010 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5D0010 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0010; -webkit-box-shadow:4px 4px  
4px 4px #5D0010; box-shadow:4px 4px 4px  
4px #5D0010 }
```

Background

The CSS property to change the background color of an element to Hex 5D0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0010 }
```

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

```
.background{ background-color:#5D0010 }
```

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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