

Converting Colors

Hex(5C0020)

Have a look what the booklet for
Hex(5C0020) contains.

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Color

Hex(5C0020)

Conversions

Conversions Part 1

Format	Color
Hex	5C0020
RGB	92, 0, 32
RGB Percent	36%, 0%, 13%
CMY	0.6392, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.65, 0.64
HSL	339°, 100%, 18%
HSV	339°, 100%, 36%
XYZ	4.6743, 2.3796, 1.5794
YIQ	31.1560, 44.5600, 29.4560

Conversions

Conversions Part 2

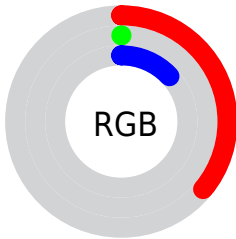
Format	Color
R_{YB}	92, 0, 32
Decimal	6029344
CIE Lab	17.37, 39.37, 8.75
CIE LCh	17, 40.334, 12.529
Yxy	2.3796, 0.5414, 0.2756
Android (android.graphics.Color)	4284219424 (0xFF5C0020)
YUV	31.1560, 0.4161, 53.3602
Hunter-Lab	15.4259, 27.0934, 4.7275

Details

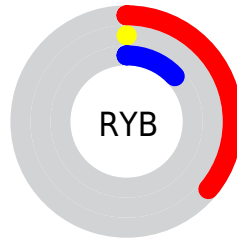
The Hex color **5C0020** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005C3C**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **933A4C**, and **290001** is the 20% darker color. If you saturate the color by 10%, you get **5C0020**, and if you desaturate by 10%, it is **5C0926**.

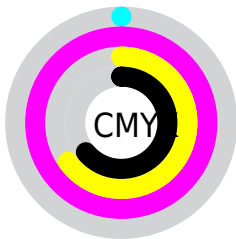
Distribution



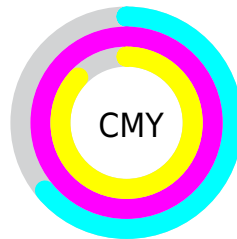
- Red (36%)
- Green (0%)
- Blue (13%)



- Red (36%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (64%)



- Cyan (64%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C0020 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 5C0020 by changing the saturation by 10% instead.

 5C0020

 5C0020

 FFF7FF

 420008

 933A4C

 290001

 B05363

 000000

 CD6D7C

 EA8796

 FFA2B1

 FFBECC

 FFDAE8

 5C0020

■ 5C0926

■ 5C122C

■ 5C1C32

■ 5C2538

■ 5C2E3E

■ 5C3744

■ 5C404A

■ 5C4A50

■ 5C5356

Harmonies

Analogous

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



55063D



5C0020



551200

Triad

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



5C0020



083300



003362

Complementary

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



5C0020



005C3C

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.



003652



5C0020



003618

Square

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



5C0020



2B2D00



003736



002A64

Rectangle

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



5C0020



4A1E00



003736



00345E

Sweetspot

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



5C0020



785460



3C005C



3D272F



BDBDBD



3D3D3D

Same Dimension

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



5C0020



78002A



5C0E00



2E292B



6E0026



ED0052

Inverse Universe

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



5C0020



78002A



004E5C



2E292B



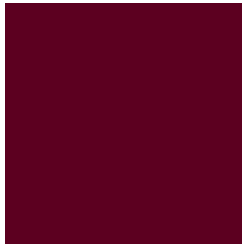
6E0026



ED0052

Previews

White Background



This preview shows how the Hex color 5C0020 looks on a white background.

Color Contrast Check

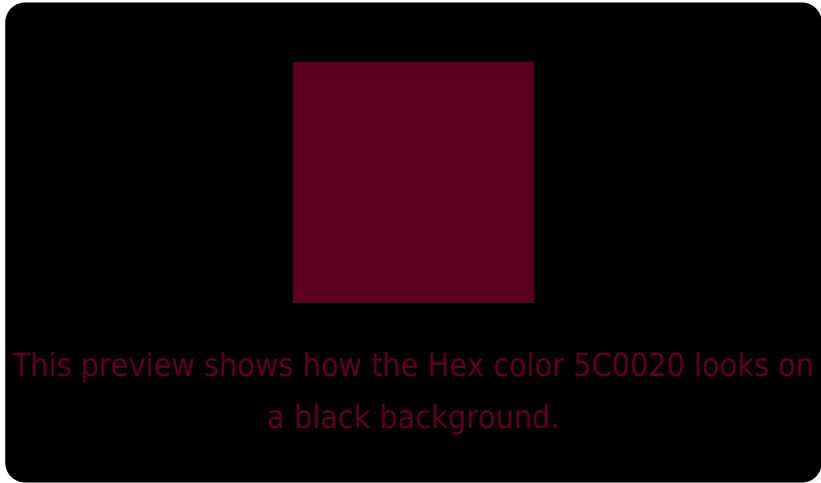
Large Text (above 18pt) WCAG AA ✓ Pass

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

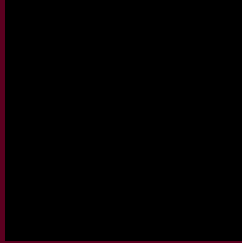
Any Text WCAG AA × Fail

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 5C0020 Background



This preview shows how black text looks on a background with the Hex color 5C0020.



This preview shows how white text looks on a background with the Hex color 5C0020.

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
5C0020

Protanopia
302F2F

Deuteranopia
392D1C



Tritanopia
5B0D0B

Trichromacy



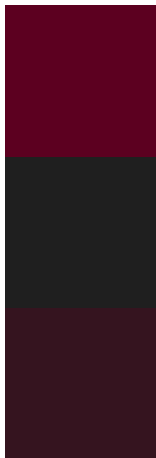
Original Color
5C0020

Protanomaly
401E2A

Deuteranomaly
461D1D

Tritanomaly
5B0813

Monochromacy



Original Color
5C0020

Achromatopsia
1F1F1F

Achromatomaly
35141F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C0020 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 #5C0020 looks like.

```
.text, #text, p{  
    color:#5C0020  
}
```

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 #5C0020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C0020
}
```

Border

The CSS property to change the border of an element to Hex 5C0020 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".

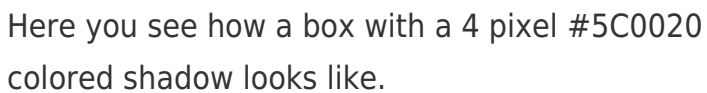
```
.border, #border, table{ border:4px solid
#5C0020 }
```

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

```
.border{ border-color:#5C0020 }
```

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

Here you see how a box with a 4 pixel #5C0020 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 #5C0020 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C0020; -webkit-box-shadow:4px 4px  
4px 4px #5C0020; box-shadow:4px 4px 4px  
4px #5C0020 }
```

Background

The CSS property to change the background color of an element to Hex 5C0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C0020 }
```

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

```
.background{ background-color:#5C0020 }
```

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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