

Converting Colors

Hex(5B0020)

Have a look what the booklet for
Hex(5B0020) contains.

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Color

Hex(5B0020)

Conversions

Conversions Part 1

Format	Color
Hex	5B0020
RGB	91, 0, 32
RGB Percent	36%, 0%, 13%
CMY	0.6431, 1.0000, 0.8745
CMYK	0.00, 1.00, 0.65, 0.64
HSL	339°, 100%, 18%
HSV	339°, 100%, 36%
XYZ	4.5751, 2.3284, 1.5748
YIQ	30.8570, 43.9640, 29.2440

Conversions

Conversions Part 2

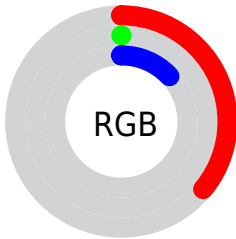
Format	Color
RYB	91, 0, 32
Decimal	5963808
CIELab	17.12, 39.11, 8.38
CIELCh	17, 39.994, 12.098
Yxy	2.3284, 0.5396, 0.2746
Android (android.graphics.Color)	4284153888 (0xFF5B0020)
YUV	30.8570, 0.5635, 52.7454
Hunter-Lab	15.2592, 26.8152, 4.5625

Details

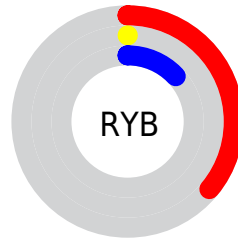
The Hex color **5B0020** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **005B3B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **92394C**, and **280001** is the 20% darker color. If you saturate the color by 10%, you get **5B0020**, and if you desaturate by 10%, it is **5B0926**.

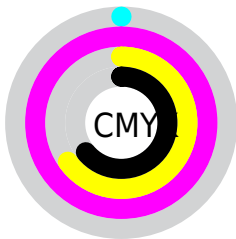
Distribution



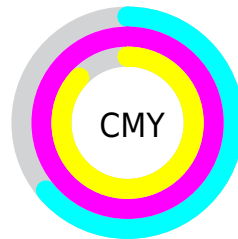
- Red (36%)
- Green (0%)
- Blue (13%)



- 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 5B0020 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 5B0020 by changing the saturation by 10% instead.

 5B0020

 5B0020

 FFF7FF

 410008

 92394C

 280001

 AF5363

 000000

 CB6D7C

 E98796

 FFA2B1

 FFBECC

 FFDAE8

 5B0020

 5B0926

 5B122C

 5B1B32

 5B2438

 5B2E3D

 5B3743

 5B4049

 5B494F

 5B5255

Harmonies

Analogous

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



53073C



5B0020



541200

Triad

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



5B0020



093200



003261

Complementary

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



5B0020



005B3B

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.



003650



5B0020



003517

Square

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



5B0020



2B2D00



003635



002A63

Rectangle

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



5B0020



4A1E00



003635



00345D

Sweetspot

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



5B0020



75525E



3A005B



3B262D



BABABA



3B3B3B

Same Dimension

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



5B0020



750029



5B0C00



2E292B



6E0027



ED0053

Inverse Universe

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



5B0020



750029



004F5B



2E292B



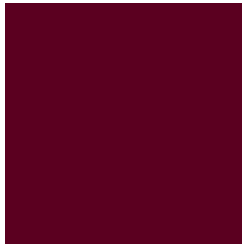
6E0027



ED0053

Previews

White Background



This preview shows how the Hex color 5B0020 looks on a white background.

Color Contrast Check

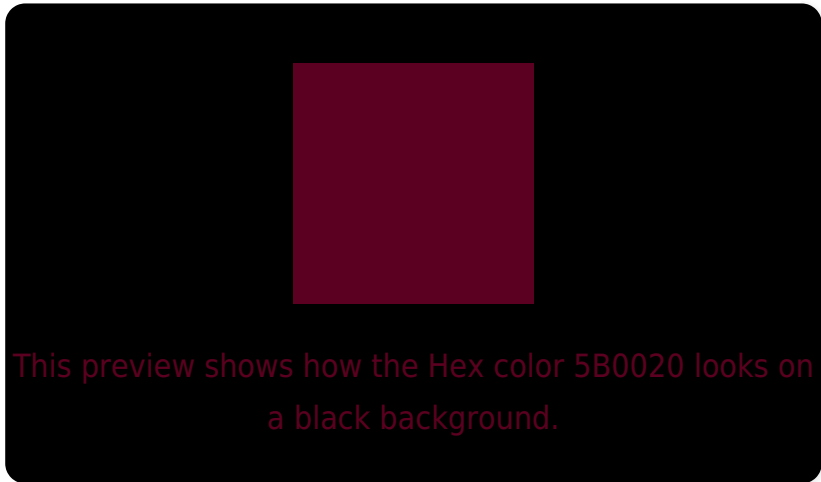
Large Text (above 18pt) WCAG AA ✓ Pass

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

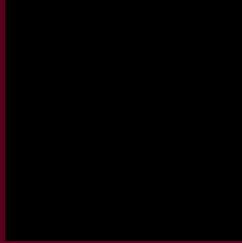
Any Text WCAG AA × Fail

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 5B0020 Background



This preview shows how black text looks on a background with the Hex color 5B0020.



This preview shows how white text looks on a background with the Hex color 5B0020.

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
5B0020

Protanopia
2F2E2F

Deuteranopia
382C1C

Trichromacy



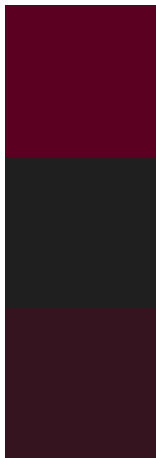
Original Color
5B0020

Protanomaly
3F1D2A

Deuteranomaly
451C1D

Tritanomaly
5A0813

Monochromacy



Original Color
5B0020

Achromatopsia
1F1F1F

Achromatomaly
35141F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B0020 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 #5B0020 looks like.

```
.text, #text, p{  
    color:#5B0020  
}
```

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 #5B0020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B0020
}
```

Border

The CSS property to change the border of an element to Hex 5B0020 is called "border". The border property can be set on classes, ids or directly on the HTML element.

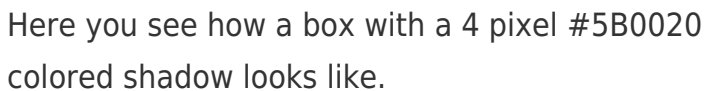
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B0020 }
```

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

```
.border{ border-color:#5B0020 }
```

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



Here you see how a box with a 4 pixel #5B0020 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B0020; -webkit-box-shadow:4px 4px  
4px 4px #5B0020; box-shadow:4px 4px 4px  
4px #5B0020 }
```

Background

The CSS property to change the background color of an element to Hex 5B0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B0020 }
```

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

```
.background{ background-color:#5B0020 }
```

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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