

# Converting Colors

Hex(8B0520)

Have a look what the booklet for  
Hex(8B0520) contains.

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# Color

**Hex(8B0520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8B0520
RGB	139, 5, 32
RGB Percent	55%, 2%, 13%
CMY	0.4549, 0.9804, 0.8745
CMYK	0.00, 0.96, 0.77, 0.45
HSL	348°, 93%, 28%
HSV	348°, 96%, 55%
XYZ	10.9624, 5.7018, 1.8893
YIQ	48.1440, 71.1970, 36.8050

# Conversions

## Conversions Part 2

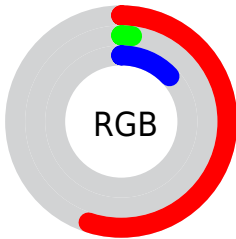
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	139, 5, 32
Decimal	9110816
CIE Lab	28.65, 50.94, 25.20
CIE LCh	29, 56.832, 26.322
Yxy	5.7018, 0.5909, 0.3073
Android (android.graphics.Color)	4287300896 (0xFF8B0520)
YUV	48.1440, -7.9590, 79.6807
Hunter-Lab	23.8784, 40.1610, 12.0239

# Details

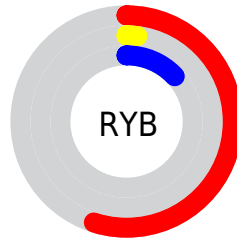
The Hex color **8B0520** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **058B70**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **C7484C**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8B001C**, and if you desaturate by 10%, it is **8B132B**.

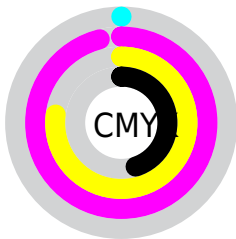
# Distribution



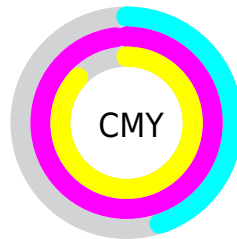
- Red (55%)
- Green (2%)
- Blue (13%)



- Red (55%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (77%)
- Black (45%)



- Cyan (45%)
- Magenta (98%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8B0520 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 8B0520 by changing the saturation by 10% instead.



 8B0520

 8B0520

FFFFFF

 6E000A

 C7484C

 500000

 E66364

 360002

 FF7E7D

 050000

 FF9A97

 000000

 FFB6B1

 FFD2CD

 FFEFE9

 8B0520

 8B0520

■ 8B001C

■ 8B132B

■ 8B2136

■ 8B2F41

■ 8B3D4C

■ 8B4B57

■ 8B5863

■ 8B666E

■ 8B7479

■ 8B8284

# Harmonies

## Analogous

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



8B004B



8B0520



782B00

# Triad

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



8B0520



00520A



004B9D

# Complementary

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



8B0520



058B70

# 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.



00538D



8B0520



00553D

# Square

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



8B0520



2E4C00



00566A



2B3A93

# Rectangle

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



8B0520



643A00



00566A



004F9A



# Sweetspot

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



8B0520



B5818B



6E058B



5C3C42



DBDBDB



5C5C5C



# Same Dimension

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



8B0520



B50024



8B2B05



453E3F



85001B



050001



# Inverse Universe

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



8B0520



B50024



05658B



453E3F



85001B

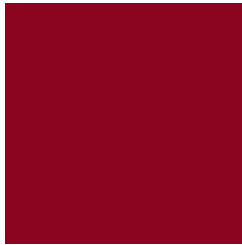


050001



# Previews

## White Background



This preview shows how the Hex color 8B0520 looks on a white background.

## Color Contrast Check

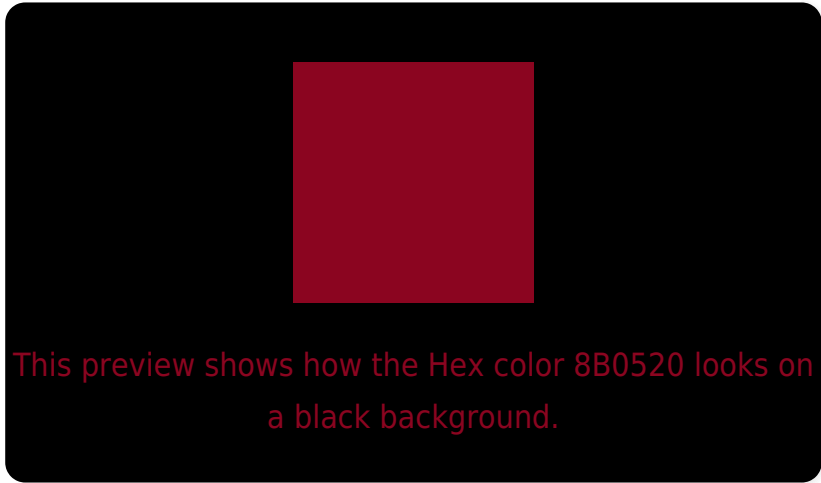
Large Text (above 18pt) WCAG AA ✓ Pass

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 8B0520 Background



This preview shows how black text looks on a background with the Hex color 8B0520.



This preview shows how white text looks on a background with the Hex color 8B0520.

# 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**  
8B0520

**Protanopia**  
4C731

**Deuteranopia**  
584317



**Tritanopia**  
8B0E08

# Trichromacy



**Original Color**  
8B0520

**Protanomaly**  
632F2B

**Deuteranomaly**  
6B2C1A

**Tritanomaly**  
8B0B11

# Monochromacy



**Original Color**  
8B0520

**Achromatopsia**  
303030

**Achromatomaly**  
51202A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8B0520 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 #8B0520 looks like.

```
.text, #text, p{  
    color:#8B0520  
}
```

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 #8B0520 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8B0520
}
```

## Border

The CSS property to change the border of an element to Hex 8B0520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

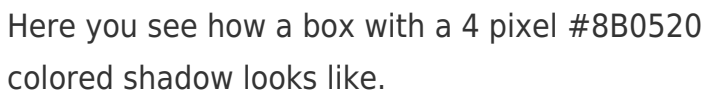
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8B0520 }
```

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

```
.border{ border-color:#8B0520 }
```

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



Here you see how a box with a 4 pixel #8B0520 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8B0520; -webkit-box-shadow:4px 4px  
4px 4px #8B0520; box-shadow:4px 4px 4px  
4px #8B0520 }
```

# Background

The CSS property to change the background color of an element to Hex 8B0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8B0520 }
```

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

```
.background{ background-color:#8B0520 }
```

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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