

# Converting Colors

Hex(522C07)

Have a look what the booklet for  
Hex(522C07) contains.

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**Color**

**Hex(522C07)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	522C07
RGB	82, 44, 7
RGB Percent	32%, 17%, 3%
CMY	0.6784, 0.8275, 0.9725
CMYK	0.00, 0.46, 0.91, 0.68
HSL	30°, 84%, 17%
HSV	30°, 91%, 32%
XYZ	4.4187, 3.6105, 0.6650
YIQ	51.1440, 34.5250, -3.4510

# Conversions

## Conversions Part 2

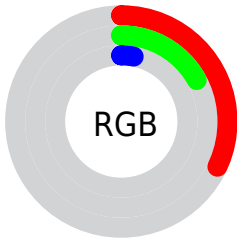
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 80, 7
Decimal	5385223
CIELab	22.34, 14.53, 29.00
CIELCh	22, 32.440, 63.394
Yxy	3.6105, 0.5082, 0.4153
Android (android.graphics.Color)	4283575303 (0xFF522C07)
YUV	51.1440, -21.7630, 27.0607
Hunter-Lab	19.0014, 8.2570, 11.2259

# Details

The Hex color **522C07** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **072D52**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **875A34**, and **210000** is the 20% darker color. If you saturate the color by 10%, you get **522800**, and if you desaturate by 10%, it is **52300F**.

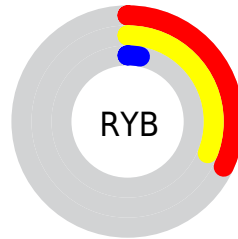
# Distribution



Red (32%)

Green (17%)

Blue (3%)



Red (32%)

Yellow (31%)

Blue (3%)

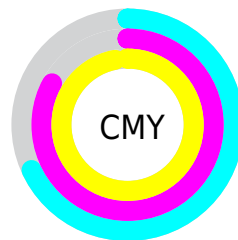


Cyan (0%)

Magenta (46%)

Yellow (91%)

Black (68%)



Cyan (68%)

Magenta (83%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 522C07 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 522C07 by changing the saturation by 10% instead.



 522C07

 522C07

 FFFFEA

 391700

 875A34

 210000

 A3734C

 000000

 BF8C64

 DCA77D

 F9C297

 FFDEB2

 FFFACE

 522C07

 522C07

■ 522800

■ 52300F

■ 523417

■ 523820

■ 523D28

■ 524130

■ 524538

■ 524940

■ 524D49

■ 525151

# Harmonies

## Analogous

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



5E221C



522C07



3F3500

# Triad

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



522C07



004138



392E5E

# Complementary

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



522C07



072D52

# 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.



003766



522C07



00404F

# Square

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



522C07



003F1F



003D60



54234B

# Rectangle

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



522C07



2F3A02



003D60



2B3162



# Sweetspot

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



522C07



6B5C4E



52072E



362D24



B5B5B5



363636



# Same Dimension

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



522C07



6B3500



525107



292725



693400



E87200



# Inverse Universe

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



072D52



00366B



070852



252729



003569

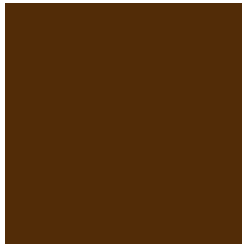


0076E8



# Previews

## White Background



This preview shows how the Hex color 522C07 looks on a white background.

## Color Contrast Check

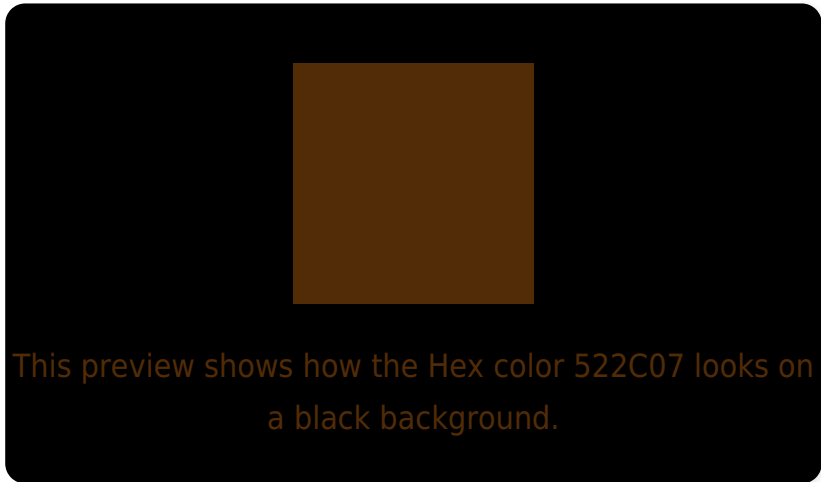
Large Text (above 18pt) WCAG AA ✓ Pass

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

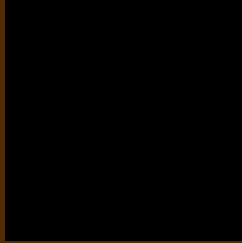
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 522C07 Background



This preview shows how black text looks on a background with the Hex color 522C07.



This preview shows how white text looks on a background with the Hex color 522C07.

# 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**  
522C07

**Protanopia**  
3D360A

**Deuteranopia**  
443300



**Tritanopia**  
53292C

# Trichromacy



**Original Color**  
522C07

**Protanomaly**  
453209

**Deuteranomaly**  
493003

**Tritanomaly**  
532A1F

# Monochromacy



**Original Color**  
522C07

**Achromatopsia**  
333333

**Achromatomaly**  
3E3023

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 522C07 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 #522C07 looks like.

```
.text, #text, p{  
    color:#522C07  
}
```

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 #522C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522C07
}
```

## Border

The CSS property to change the border of an element to Hex 522C07 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
#522C07 }
```

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

```
.border{ border-color:#522C07 }
```

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

Here you see how a box with a 4 pixel #522C07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522C07; -webkit-box-shadow:4px 4px  
4px 4px #522C07; box-shadow:4px 4px 4px  
4px #522C07 }
```

# Background

The CSS property to change the background color of an element to Hex 522C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522C07 }
```

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

```
.background{ background-color:#522C07 }
```

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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