

# Converting Colors

Hex(502719)

Have a look what the booklet for  
Hex(502719) contains.

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**Color**

**Hex(502719)**

# Conversions

## Conversions Part 1

Format	Color
Hex	502719
RGB	80, 39, 25
RGB Percent	31%, 15%, 10%
CMY	0.6863, 0.8471, 0.9020
CMYK	0.00, 0.51, 0.69, 0.69
HSL	15°, 52%, 21%
HSV	15°, 69%, 31%
XYZ	4.2093, 3.2267, 1.3207
YIQ	49.6630, 28.9300, 4.3380

# Conversions

## Conversions Part 2

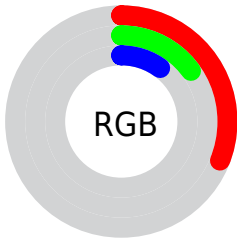
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 44, 25
Decimal	5252889
CIELab	20.93, 17.72, 17.72
CIElCh	21, 25.059, 45.002
Yxy	3.2267, 0.4807, 0.3685
Android (android.graphics.Color)	4283442969 (0xFF502719)
YUV	49.6630, -12.1589, 26.6055
Hunter-Lab	17.9630, 10.3924, 8.2150

# Details

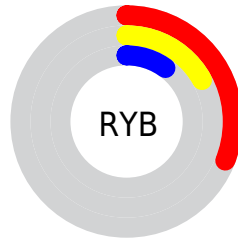
The Hex color **502719** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **194250**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **845544**, and **220000** is the 20% darker color. If you saturate the color by 10%, you get **502111**, and if you desaturate by 10%, it is **502D21**.

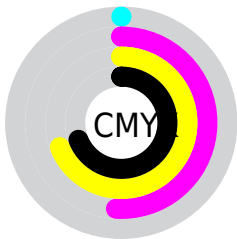
# Distribution



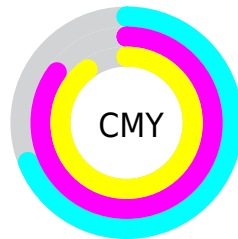
- Red (31%)
- Green (15%)
- Blue (10%)



- Red (31%)
- Yellow (17%)
- Blue (10%)



- Cyan (0%)
- Magenta (51%)
- Yellow (69%)
- Black (69%)



- Cyan (69%)
- Magenta (85%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 502719 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 502719 by changing the saturation by 10% instead.



 502719

 502719

FFFFFFD

 381200

 845544

 220000

 9F6D5C

 000000

 BB8775

 D8A18E

 F5BCA9

 FFD8C4

 FFF5E0

 502719

 502719

■ 502111

■ 502D21

■ 501B09

■ 503329

■ 501501

■ 503931

■ 501400

■ 503F39

■ 504541

■ 504B49

■ 505151

■ 505759

■ 505D61

# Harmonies

## Analogous

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



54222A



502719



442E0D

# Triad

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



502719



003B28



223156

# Complementary

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



502719



194250

# 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.



003756



502719



003B3B

# Square

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



502719



1F3817



003A4C



3F2A4D

# Rectangle

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



502719



3A320B



003A4C



133357



# Sweetspot

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



502719



695853



501942



362C28



B5B5B5



363636



# Same Dimension

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



502719



692812



504219



292625



691B00



E83B00



# Inverse Universe

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



194250



125269



192750



252829



004E69

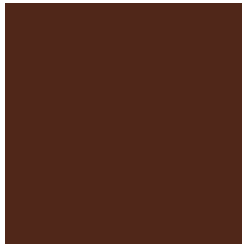


00ADE8



# Previews

## White Background



This preview shows how the Hex color 502719 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 502719 Background



This preview shows how black text looks on a background with the Hex color 502719.

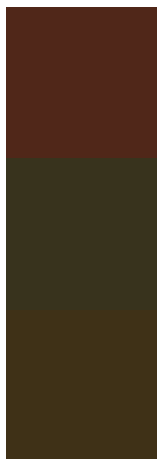


This preview shows how white text looks on a background with the Hex color 502719.

# 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**  
502719

**Protanopia**  
38331D

**Deuteranopia**  
3F3117



**Tritanopia**  
512528

# Trichromacy



**Original Color**  
502719

**Protanomaly**  
412F1C

**Deuteranomaly**  
452D18

**Tritanomaly**  
512623

# Monochromacy



**Original Color**  
502719

**Achromatopsia**  
323232

**Achromatomaly**  
3D2E29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 502719 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 #502719 looks like.

```
.text, #text, p{  
    color:#502719  
}
```

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 #502719 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #502719
}
```

## Border

The CSS property to change the border of an element to Hex 502719 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".

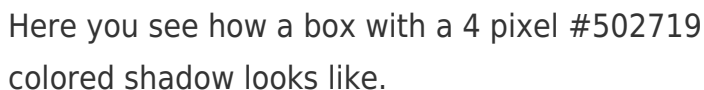
```
.border, #border, table{ border:4px solid
#502719 }
```

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

```
.border{ border-color:#502719 }
```

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

Here you see how a box with a 4 pixel #502719 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #502719; -webkit-box-shadow:4px 4px  
4px 4px #502719; box-shadow:4px 4px 4px  
4px #502719 }
```

# Background

The CSS property to change the background color of an element to Hex 502719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#502719 }
```

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

```
.background{ background-color:#502719 }
```

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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