

# Converting Colors

Hex(582203)

Have a look what the booklet for  
Hex(582203) contains.

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**Color**

**Hex(582203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	582203
RGB	88, 34, 3
RGB Percent	35%, 13%, 1%
CMY	0.6549, 0.8667, 0.9882
CMYK	0.00, 0.61, 0.97, 0.65
HSL	22°, 93%, 18%
HSV	22°, 97%, 35%
XYZ	4.6130, 3.2253, 0.4656
YIQ	46.6120, 42.1350, 1.8070

# Conversions

## Conversions Part 2

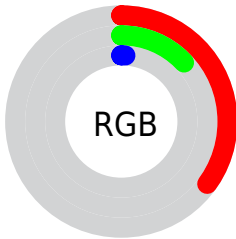
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 52, 3
Decimal	5775875
CIE <sub>Lab</sub>	20.92, 23.22, 29.42
CIE <sub>LCh</sub>	21, 37.481, 51.709
Yxy	3.2253, 0.5555, 0.3884
Android (android.graphics.Color)	4283965955 (0xFF582203)
YUV	46.6120, -21.5007, 36.2973
Hunter-Lab	17.9592, 14.4205, 11.0344

# Details

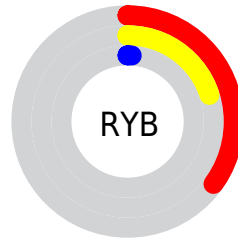
The Hex color **582203** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **033958**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **8F5031**, and **270001** is the 20% darker color. If you saturate the color by 10%, you get **582000**, and if you desaturate by 10%, it is **58280C**.

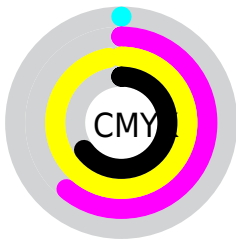
# Distribution



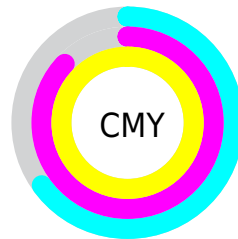
- Red (35%)
- Green (13%)
- Blue (1%)



- Red (35%)
- Yellow (20%)
- Blue (1%)



- Cyan (0%)
- Magenta (61%)
- Yellow (97%)
- Black (65%)



- Cyan (65%)
- Magenta (87%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 582203 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 582203 by changing the saturation by 10% instead.



 582203

 582203

 FFFFE6

 3D0C00

 8F5031

 270001

 AB6948

 000000

 C88260

 E59D79

 FFB893

 FFD3AE

 FFF0CA

 582203

 582203

■ 582000

■ 58280C

■ 582D15

■ 58331D

■ 583826

■ 583E2F

■ 584438

■ 584941

■ 584F49

■ 585452

# Harmonies

## Analogous

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



621520



582203



452E00

# Triad

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



582203



003E29



1E2E66

# Complementary

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



582203



033958

# 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.



003869



582203



003F46

# Square

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



582203



003C0C



003D5D



4B2055

# Rectangle

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



582203



353400



003D5D



003269



# Sweetspot

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



582203



735E51



58033A



3B2E26



BABABA



3B3B3B



# Same Dimension

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



582203



732A00



584B03



2B2927



6B2700



EB5600



# Inverse Universe

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



033958



004973



031058



272A2B



00446B

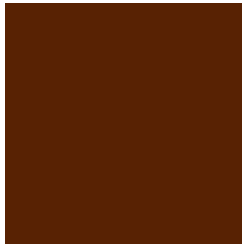


0095EB



# Previews

## White Background



This preview shows how the Hex color 582203 looks on a white background.

## Color Contrast Check

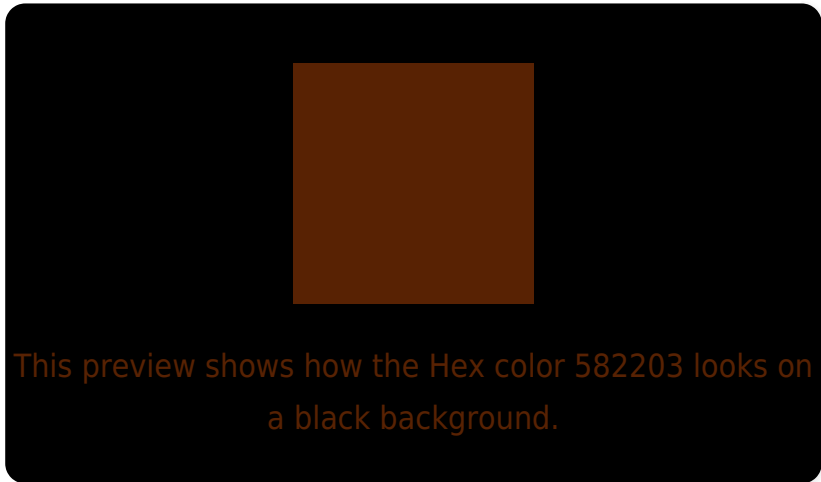
Large Text (above 18pt) WCAG AA ✓ Pass

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

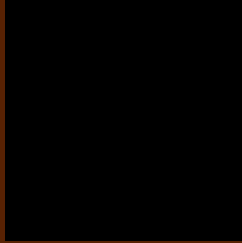
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 582203 Background



This preview shows how black text looks on a background with the Hex color 582203.



This preview shows how white text looks on a background with the Hex color 582203.

# 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**  
582203

**Protanopia**  
3A3409

**Deuteranopia**  
413100



# Trichromacy



**Original Color**  
582203

**Protanomaly**  
452D07

**Deuteranomaly**  
492C01

**Tritanomaly**  
592117

# Monochromacy



**Original Color**  
582203

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
3E2A1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 582203 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 #582203 looks like.

```
.text, #text, p{  
    color:#582203  
}
```

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 #582203 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #582203
}
```

## Border

The CSS property to change the border of an element to Hex 582203 is called "border". The border property can be set on classes, ids or directly on the HTML element.

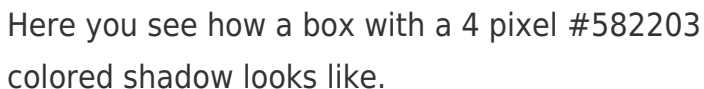
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#582203 }
```

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

```
.border{ border-color:#582203 }
```

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



Here you see how a box with a 4 pixel #582203 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #582203; -webkit-box-shadow:4px 4px  
4px 4px #582203; box-shadow:4px 4px 4px  
4px #582203 }
```

# Background

The CSS property to change the background color of an element to Hex 582203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#582203 }
```

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

```
.background{ background-color:#582203 }
```

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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