

# Converting Colors

Hex(530C18)

Have a look what the booklet for  
Hex(530C18) contains.

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**Color**

**Hex(530C18)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	530C18
RGB	83, 12, 24
RGB Percent	33%, 5%, 9%
CMY	0.6745, 0.9529, 0.9059
CMYK	0.00, 0.86, 0.71, 0.67
HSL	350°, 75%, 19%
HSV	350°, 86%, 33%
XYZ	3.8636, 2.1679, 1.0790
YIQ	34.5970, 38.4640, 18.7840

# Conversions

## Conversions Part 2

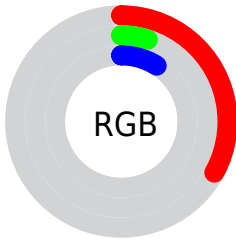
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 12, 24
Decimal	5442584
CIELab	16.34, 32.50, 12.81
CIElCh	16, 34.934, 21.509
Yxy	2.1679, 0.5434, 0.3049
Android (android.graphics.Color)	4283632664 (0xFF530C18)
YUV	34.5970, -5.2243, 42.4494
Hunter-Lab	14.7238, 21.0731, 5.9618

# Details

The Hex color **530C18** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0C5347**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **893E43**, and **1E0001** is the 20% darker color. If you saturate the color by 10%, you get **530411**, and if you desaturate by 10%, it is **53141F**.

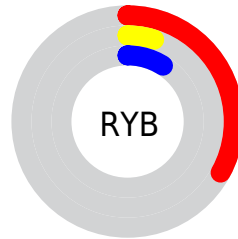
# Distribution



Red (33%)

Green (5%)

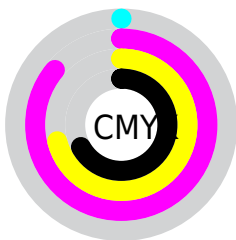
Blue (9%)



Red (33%)

Yellow (5%)

Blue (9%)

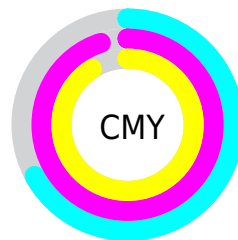


Cyan (0%)

Magenta (86%)

Yellow (71%)

Black (67%)



Cyan (67%)

Magenta (95%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 530C18 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 530C18 by changing the saturation by 10% instead.



 530C18

 530C18

 FFFAFA

 3A0000

 893E43

 1E0001

 A5575A

 000000

 C27072

 DF8A8C

 FDA5A6

 FFC1C1

 FFDDDD

 530C18

 530C18

■ 530411

■ 53141F

■ 53000E

■ 531D26

■ 53252D

■ 532D34

■ 53353A

■ 533E41

■ 534648

■ 534E4F

■ 535756

# Harmonies

## Analogous

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



500A31



530C18



4B1900

# Triad

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



530C18



003103



002E5A

# Complementary

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



530C18



0C5347

# 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.



00324F



530C18



003320

# Square

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



530C18



232D00



00333A



142557

# Rectangle

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



530C18



402100



00333A



003058



# Sweetspot

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



530C18



6B4F54



460C53



362528



B5B5B5



363636



# Same Dimension

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



530C18



6B0012



53220C



292525



690012



E80027



# Inverse Universe

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



530C18



6B0012



0C3D53



292525



690012

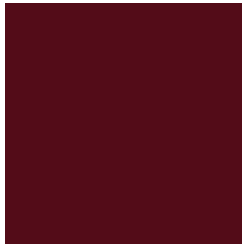


E80027



# Previews

## White Background



This preview shows how the Hex color 530C18 looks on a white background.

## Color Contrast Check

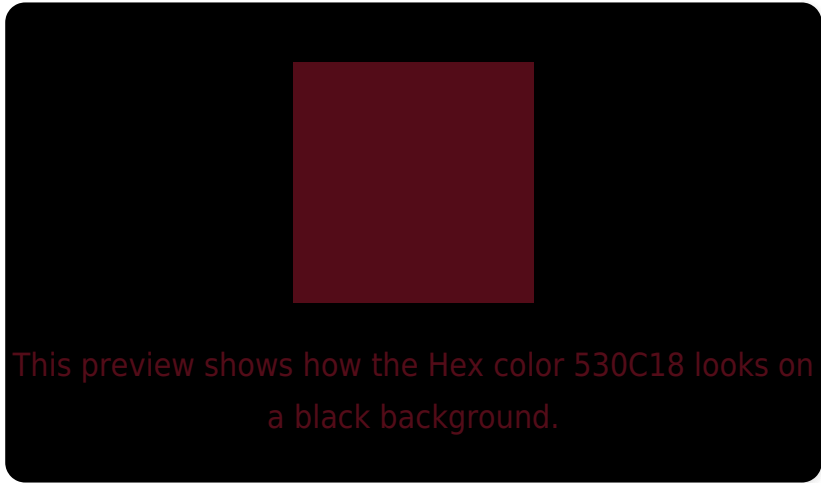
Large Text (above 18pt) WCAG AA ✓ Pass

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 530C18 Background



This preview shows how black text looks on a background with the Hex color 530C18.



This preview shows how white text looks on a background with the Hex color 530C18.

# 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**  
530C18

**Protanopia**  
2E2B23

**Deuteranopia**  
352914



**Tritanopia**  
530E0E

# Trichromacy



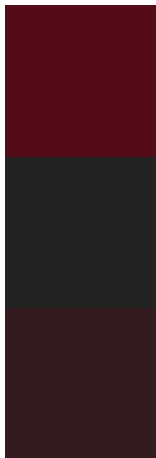
**Original Color**  
530C18

**Protanomaly**  
3B201F

**Deuteranomaly**  
401E15

**Tritanomaly**  
530D12

# Monochromacy



**Original Color**  
530C18

**Achromatopsia**  
232323

**Achromatomaly**  
341B1F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 530C18 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 #530C18 looks like.

```
.text, #text, p{  
    color:#530C18  
}
```

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 #530C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530C18
}
```

## Border

The CSS property to change the border of an element to Hex 530C18 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".

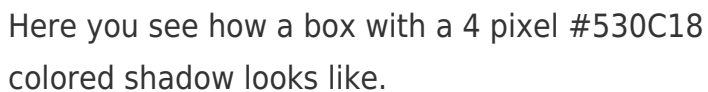
```
.border, #border, table{ border:4px solid
#530C18 }
```

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

```
.border{ border-color:#530C18 }
```

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

Here you see how a box with a 4 pixel #530C18 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #530C18 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530C18; -webkit-box-shadow:4px 4px  
4px 4px #530C18; box-shadow:4px 4px 4px  
4px #530C18 }
```

# Background

The CSS property to change the background color of an element to Hex 530C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530C18 }
```

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

```
.background{ background-color:#530C18 }
```

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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