

# Converting Colors

Hex(530F18)

Have a look what the booklet for  
Hex(530F18) contains.

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**Color**

**Hex(530F18)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	530F18
RGB	83, 15, 24
RGB Percent	33%, 6%, 9%
CMY	0.6745, 0.9412, 0.9059
CMYK	0.00, 0.82, 0.71, 0.67
HSL	352°, 69%, 19%
HSV	352°, 82%, 33%
XYZ	3.9030, 2.2466, 1.0921
YIQ	36.3580, 37.6390, 17.2150

# Conversions

## Conversions Part 2

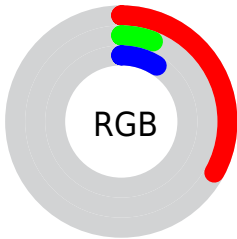
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 15, 24
Decimal	5443352
CIELab	16.73, 31.42, 13.30
CIElCh	17, 34.116, 22.949
Yxy	2.2466, 0.5390, 0.3102
Android (android.graphics.Color)	4283633432 (0xFF530F18)
YUV	36.3580, -6.0925, 40.9050
Hunter-Lab	14.9886, 20.2504, 6.1722

# Details

The Hex color **530F18** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F534A**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **894043**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **530711**, and if you desaturate by 10%, it is **53171F**.

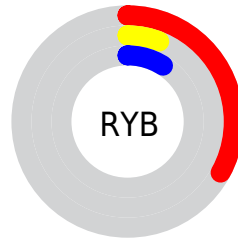
# Distribution



Red (33%)

Green (6%)

Blue (9%)



Red (33%)

Yellow (6%)

Blue (9%)

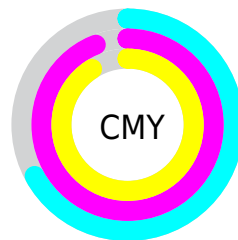


Cyan (0%)

Magenta (82%)

Yellow (71%)

Black (67%)



Cyan (67%)

Magenta (94%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 530F18 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 530F18 by changing the saturation by 10% instead.



 530F18

 530F18

 FFFBFA

 3A0000

 894043

 1F0001

 A5595A

 000000

 C27272

 DF8C8C

 FCA7A6

 FFC2C1

 FFDFDD

 530F18

 530F18

■ 530711

■ 53171F

■ 53000B

■ 532026

■ 53282E

■ 533035

■ 53393C

■ 534143

■ 53494A

■ 535152

■ 535A59

# Harmonies

## Analogous

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



510D30



530F18



4A1B00

# Triad

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



530F18



003207



002E5A

# Complementary

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



530F18



0F534A

# 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.



003350



530F18



003423

# Square

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



530F18



232D00



00343C



1A2557

# Rectangle

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



530F18



3F2300



00343C



003058



# Sweetspot

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



530F18



6B5054



4A0F53



362528



B5B5B5



363636



# Same Dimension

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



530F18



6B0210



53280F



292525



69000E



E8001F



# Inverse Universe

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



530F18



6B0210



0F3A53



292525



69000E

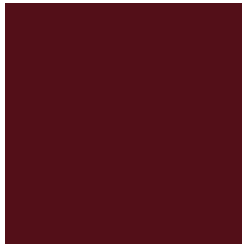


E8001F



# Previews

## White Background



This preview shows how the Hex color 530F18 looks on a white background.

## Color Contrast Check

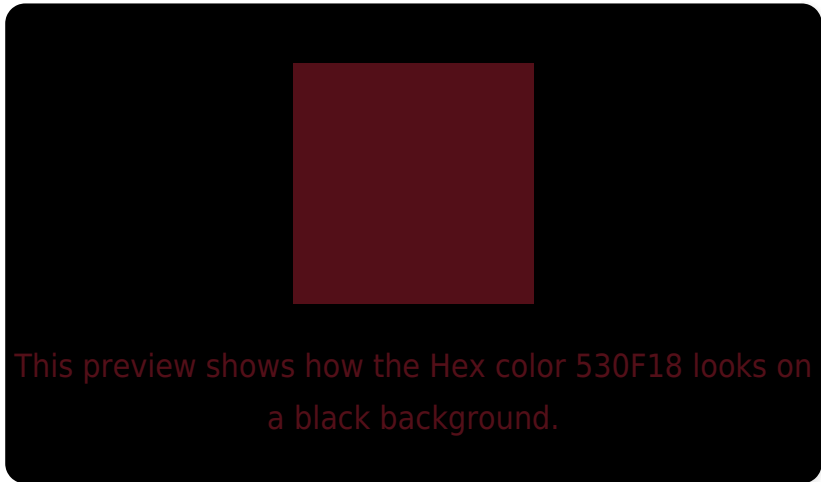
Large Text (above 18pt) WCAG AA ✓ Pass

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

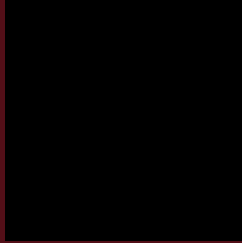
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 530F18 Background



This preview shows how black text looks on a background with the Hex color 530F18.



This preview shows how white text looks on a background with the Hex color 530F18.

# 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**  
530F18

**Protanopia**  
2F2C22

**Deuteranopia**  
362A14



**Tritanopia**  
531110

# Trichromacy



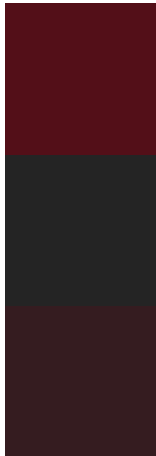
**Original Color**  
530F18

**Protanomaly**  
3C211E

**Deuteranomaly**  
412015

**Tritanomaly**  
531013

# Monochromacy



**Original Color**  
530F18

**Achromatopsia**  
242424

**Achromatomaly**  
351C20

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 530F18 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 #530F18 looks like.

```
.text, #text, p{  
    color:#530F18  
}
```

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 #530F18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530F18
}
```

## Border

The CSS property to change the border of an element to Hex 530F18 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".

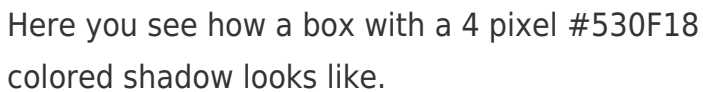
```
.border, #border, table{ border:4px solid
#530F18 }
```

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

```
.border{ border-color:#530F18 }
```

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

Here you see how a box with a 4 pixel #530F18 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red shadow that is 4 pixels wide and 4 pixels high, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530F18; -webkit-box-shadow:4px 4px  
4px 4px #530F18; box-shadow:4px 4px 4px  
4px #530F18 }
```

# Background

The CSS property to change the background color of an element to Hex 530F18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530F18 }
```

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

```
.background{ background-color:#530F18 }
```

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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