

Converting Colors

Hex(551F02)

Have a look what the booklet for
Hex(551F02) contains.

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Color

Hex(551F02)

Conversions

Conversions Part 1

Format	Color
Hex	551F02
RGB	85, 31, 2
RGB Percent	33%, 12%, 1%
CMY	0.6667, 0.8784, 0.9922
CMYK	0.00, 0.64, 0.98, 0.67
HSL	21°, 95%, 17%
HSV	21°, 98%, 33%
XYZ	4.2473, 2.9157, 0.3964
YIQ	43.8400, 41.4930, 2.4290

Conversions

Conversions Part 2

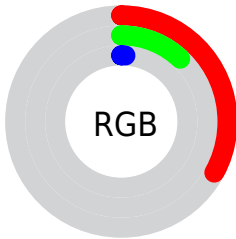
Format	Color
RYB	85, 47, 2
Decimal	5578498
CIELab	19.70, 23.54, 28.30
CIELCh	20, 36.810, 50.250
Yxy	2.9157, 0.5619, 0.3857
Android (android.graphics.Color)	4283768578 (0xFF551F02)
YUV	43.8400, -20.6271, 36.0973
Hunter-Lab	17.0753, 14.5179, 10.5764

Details

The Hex color **551F02** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **023855**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **8B4D30**, and **240001** is the 20% darker color. If you saturate the color by 10%, you get **551E00**, and if you desaturate by 10%, it is **55250B**.

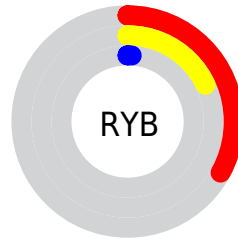
Distribution



Red (33%)

Green (12%)

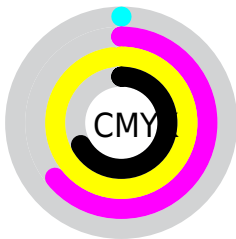
Blue (1%)



Red (33%)

Yellow (18%)

Blue (1%)

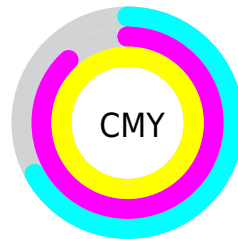


Cyan (0%)

Magenta (64%)

Yellow (98%)

Black (67%)



Cyan (67%)

Magenta (88%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 551F02 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 551F02 by changing the saturation by 10% instead.

 551F02

 551F02

 FFFFE4

 3A0800

 8B4D30

 240001

 A86647

 000000

 C57F5F

 E29978

 FFB492

 FFD0AD

 FFECC8

 551F02

 551F02

■ 551E00

■ 55250B

■ 552A13

■ 55301C

■ 553524

■ 553B2D

■ 554035

■ 55463E

■ 554B46

■ 55514E

Harmonies

Analogous

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



5E121F



551F02



432B00

Triad

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



551F02



003B26



182C63

Complementary

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



551F02



023855

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.



003665



551F02



003C42

Square

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



551F02



013909



003A59



471F52

Rectangle

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



551F02



343100



003A59



003065

Sweetspot

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



551F02



6E594E



550239



382B24



B8B8B8



383838

Same Dimension

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



551F02



6E2600



554702



2B2927



6B2500



EB5200

Inverse Universe

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



023855



00476E



021055



272A2B



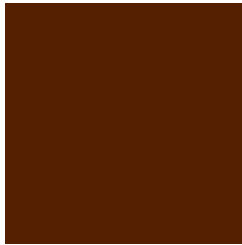
00466B



0099EB

Previews

White Background



This preview shows how the Hex color 551F02 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

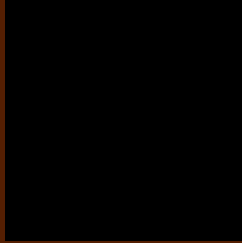
Any Text WCAG AA × Fail

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 551F02 Background



This preview shows how black text looks on a background with the Hex color 551F02.



This preview shows how white text looks on a background with the Hex color 551F02.

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
551F02

Protanopia
373109

Deuteranopia
3E2F00



Tritanopia
561D1E

Trichromacy



Original Color
551F02

Protanomaly
422A06

Deuteranomaly
462901

Tritanomaly
561E14

Monochromacy



Original Color
551F02

Achromatopsia
2C2C2C

Achromatomaly
3B271D

CSS Examples

Text

The CSS property to change the color of the text to Hex 551F02 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 #551F02 looks like.

```
.text, #text, p{  
    color:#551F02  
}
```

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 #551F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #551F02
}
```

Border

The CSS property to change the border of an element to Hex 551F02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

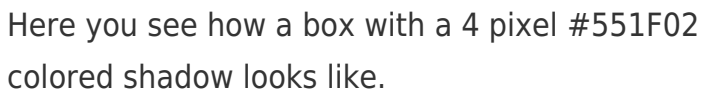
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#551F02 }
```

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

```
.border{ border-color:#551F02 }
```

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



Here you see how a box with a 4 pixel #551F02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #551F02; -webkit-box-shadow:4px 4px  
4px 4px #551F02; box-shadow:4px 4px 4px  
4px #551F02 }
```

Background

The CSS property to change the background color of an element to Hex 551F02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#551F02 }
```

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

```
.background{ background-color:#551F02 }
```

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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