

Converting Colors

Hex(520E1F)

Have a look what the booklet for
Hex(520E1F) contains.

Hex(520E1F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(520E1F)

Conversions

Conversions Part 1

Format	Color
Hex	520E1F
RGB	82, 14, 31
RGB Percent	32%, 5%, 12%
CMY	0.6784, 0.9451, 0.8784
CMYK	0.00, 0.83, 0.62, 0.68
HSL	345°, 71%, 19%
HSV	345°, 83%, 32%
XYZ	3.8840, 2.2068, 1.5176
YIQ	36.2700, 35.0710, 19.7030

Conversions

Conversions Part 2

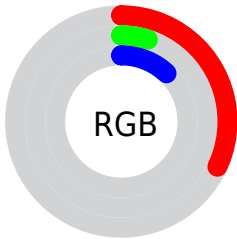
Format	Color
R_YB	82, 14, 31
Decimal	5377567
CIE Lab	16.54, 31.97, 7.97
CIE LCh	17, 32.951, 13.993
Yxy	2.2068, 0.5105, 0.2901
Android (android.graphics.Color)	4283567647 (0xFF520E1F)
YUV	36.2700, -2.5981, 40.1052
Hunter-Lab	14.8554, 20.6727, 4.3420

Details

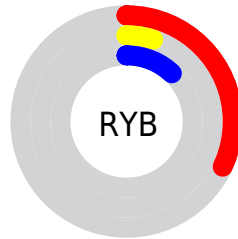
The Hex color **520E1F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E5241**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **873F4B**, and **1F0001** is the 20% darker color. If you saturate the color by 10%, you get **520619**, and if you desaturate by 10%, it is **521625**.

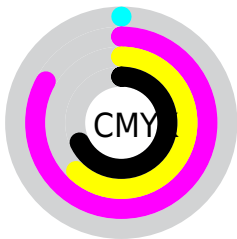
Distribution



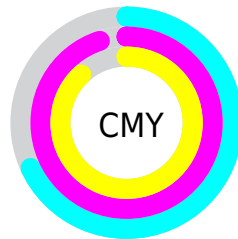
- Red (32%)
- Green (5%)
- Blue (12%)



- Red (32%)
- Yellow (5%)
- Blue (12%)



- Cyan (0%)
- Magenta (83%)
- Yellow (62%)
- Black (68%)



- Cyan (68%)
- Magenta (95%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 520E1F 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 520E1F by changing the saturation by 10% instead.

 520E1F

 520E1F

 FFFBFF

 390006

 873F4B

 1F0001

 A35862

 000000

 BF717B

 DC8B95

 FAA6AF

 FFC2CB

 FFDEE7

 520E1F

 520E1F

■ 520619

■ 521625

■ 520014

■ 521E2B

■ 522731

■ 522F38

■ 52373E

■ 523F44

■ 52474A

■ 525050

■ 525856

Harmonies

Analogous

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



4C1136



520E1F



4C1805

Triad

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



520E1F



0E3000



002F56

Complementary

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



520E1F



0E5241

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.



003349



520E1F



00331B

Square

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



520E1F



2A2B00



003334



002857

Rectangle

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



520E1F



442000



003334



003153

Sweetspot

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



520E1F



6B5057



410E52



36252A



B5B5B5



363636

Same Dimension

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



520E1F



6B001B



521F0E



292526



69001A



E8003A

Inverse Universe

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



520E1F



6B001B



0E4152



292526



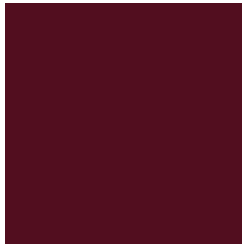
69001A



E8003A

Previews

White Background



This preview shows how the Hex color 520E1F looks on a white background.

Color Contrast Check

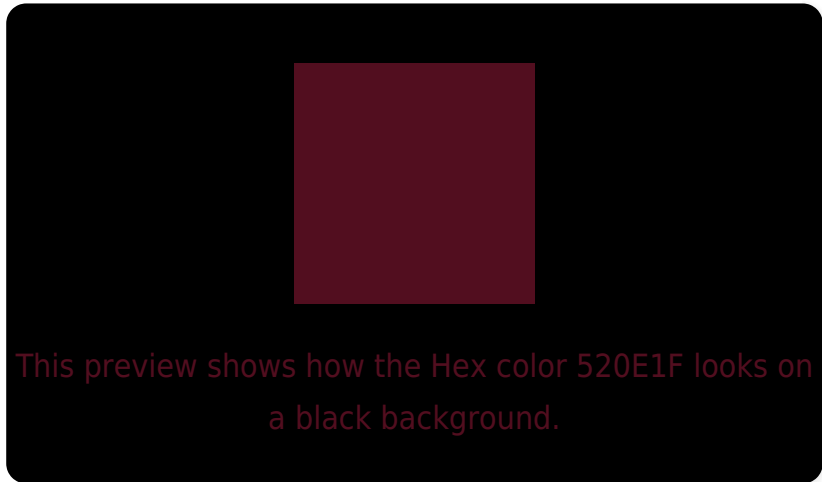
Large Text (above 18pt) WCAG AA ✓ Pass

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

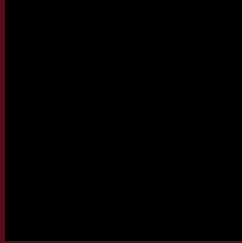
Any Text WCAG AA × Fail

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 520E1F Background



This preview shows how black text looks on a background with the Hex color 520E1F.



This preview shows how white text looks on a background with the Hex color 520E1F.

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
520E1F

Protanopia
2C2B2B

Deuteranopia
34291C



Tritanopia
511112

Trichromacy



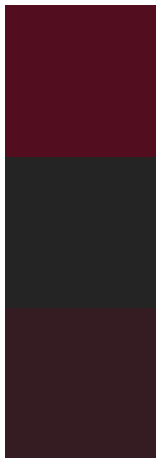
Original Color
520E1F

Protanomaly
3A2027

Deuteranomaly
3F1F1D

Tritanomaly
511017

Monochromacy



Original Color
520E1F

Achromatopsia
242424

Achromatomaly
351C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 520E1F 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 #520E1F looks like.

```
.text, #text, p{  
    color:#520E1F  
}
```

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 #520E1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520E1F
}
```

Border

The CSS property to change the border of an element to Hex 520E1F is called "border". The border property can be set on classes, ids or directly on the HTML element.

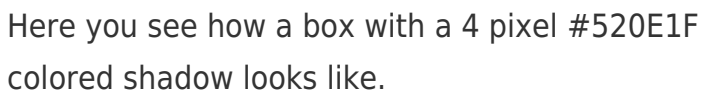
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#520E1F }
```

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

```
.border{ border-color:#520E1F }
```

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



Here you see how a box with a 4 pixel #520E1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520E1F; -webkit-box-shadow:4px 4px  
4px 4px #520E1F; box-shadow:4px 4px 4px  
4px #520E1F }
```

Background

The CSS property to change the background color of an element to Hex 520E1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520E1F }
```

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

```
.background{ background-color:#520E1F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor