

Converting Colors

Hex(512020)

Have a look what the booklet for
Hex(512020) contains.

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Color

Hex(512020)

Conversions

Conversions Part 1

Format	Color
Hex	512020
RGB	81, 32, 32
RGB Percent	32%, 13%, 13%
CMY	0.6824, 0.8745, 0.8745
CMYK	0.00, 0.60, 0.60, 0.68
HSL	0°, 43%, 22%
HSV	0°, 60%, 32%
XYZ	4.1706, 2.8866, 1.7039
YIQ	46.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

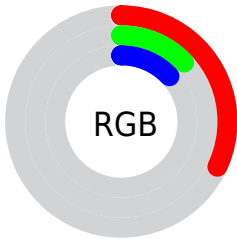
Format	Color
R_{YB}	81, 32, 32
Decimal	5316640
CIE Lab	19.58, 22.98, 11.33
CIE LCh	20, 25.616, 26.243
Yxy	2.8866, 0.4760, 0.3295
Android (android.graphics.Color)	4283506720 (0xFF512020)
YUV	46.6510, -7.2229, 30.1241
Hunter-Lab	16.9901, 14.0837, 5.9471

Details

The Hex color **512020** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **205151**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **854E4C**, and **230001** is the 20% darker color. If you saturate the color by 10%, you get **511818**, and if you desaturate by 10%, it is **512828**.

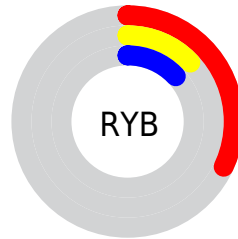
Distribution



Red (32%)

Green (13%)

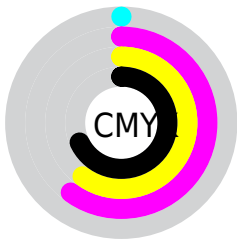
Blue (13%)



Red (32%)

Yellow (13%)

Blue (13%)

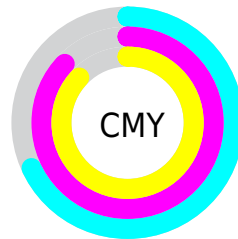


Cyan (0%)

Magenta (60%)

Yellow (60%)

Black (68%)



Cyan (68%)


Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 512020 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 512020 by changing the saturation by 10% instead.

 512020

 512020

FFFFFF

 380909

 854E4C

 230001

 A16764

 000000


 BC807D


 D99A97

 F6B5B1

 FFD1CD

 FFEDE9

 512020

 512020

■ 511818

■ 512828

■ 511010

■ 513030

■ 510808

■ 513838

■ 510000

■ 514040

■ 514949

■ 515151

■ 515959

■ 516161

■ 516969

Harmonies

Analogous

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



501F33



512020



492610

Triad

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



512020



10371A



003255

Complementary

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



512020



205151

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.



00364E



512020



00382C

Square

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



512020



29330B



00383F



2C2B51

Rectangle

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



512020



412B08



00383F



003454

Sweetspot

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



512020



695656



512051



362A2A



B5B5B5



363636

Same Dimension

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



512020



691C1C



513920



292525



690000



E80000

Inverse Universe

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



205151



1C6969



203951



252929



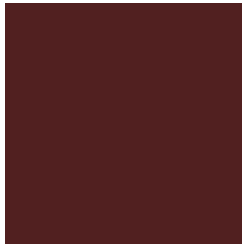
006969



00E8E8

Previews

White Background



This preview shows how the Hex color 512020 looks on a white background.

Color Contrast Check

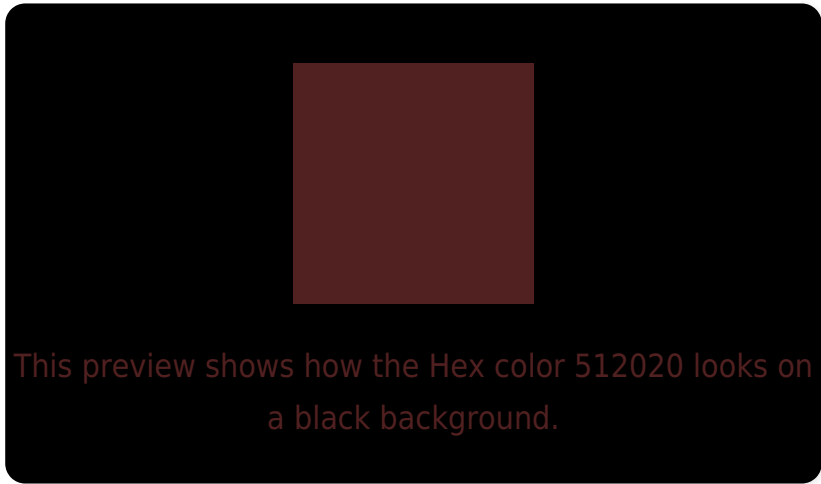
Large Text (above 18pt) WCAG AA ✓ Pass

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 512020 Background



This preview shows how black text looks on a background with the Hex color 512020.

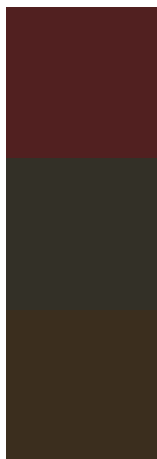


This preview shows how white text looks on a background with the Hex color 512020.

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

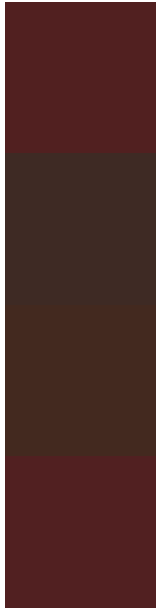


Original Color
512020

Protanopia
333027

Deuteranopia
3B2E1E

Trichromacy



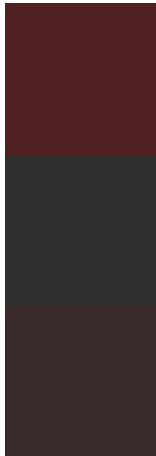
Original Color
512020

Protanomaly
3E2A24

Deuteranomaly
43291F

Tritanomaly
512021

Monochromacy



Original Color
512020

Achromatopsia
2F2F2F

Achromatomaly
3B2A2A

CSS Examples

Text

The CSS property to change the color of the text to Hex 512020 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 #512020 looks like.

```
.text, #text, p{  
    color:#512020  
}
```

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 #512020 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #512020  
}
```

Border

The CSS property to change the border of an element to Hex 512020 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".

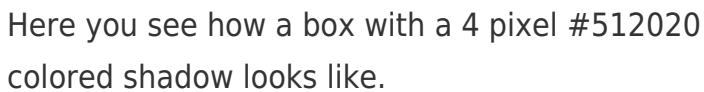
```
.border, #border, table{ border:4px solid  
#512020 }
```

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

```
.border{ border-color:#512020 }
```

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

Here you see how a box with a 4 pixel #512020 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 extends to the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #512020; -webkit-box-shadow:4px 4px  
4px 4px #512020; box-shadow:4px 4px 4px  
4px #512020 }
```

Background

The CSS property to change the background color of an element to Hex 512020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#512020 }
```

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

```
.background{ background-color:#512020 }
```

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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