

# Converting Colors

Hex(52551D)

Have a look what the booklet for  
Hex(52551D) contains.

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**Color**

**Hex(52551D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	52551D
RGB	82, 85, 29
RGB Percent	32%, 33%, 11%
CMY	0.6784, 0.6667, 0.8863
CMYK	0.04, 0.00, 0.66, 0.67
HSL	63°, 49%, 22%
HSV	63°, 66%, 33%
XYZ	6.9499, 8.3795, 2.4135
YIQ	77.7190, 16.1880, -18.0520

# Conversions

## Conversions Part 2

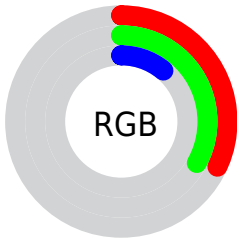
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 85, 32
Decimal	5395741
CIE Lab	34.76, -9.72, 31.34
CIE LCh	35, 32.809, 107.225
Yxy	8.3795, 0.3917, 0.4723
Android (android.graphics.Color)	4283585821 (0xFF52551D)
YUV	77.7190, -24.0185, 3.7544
Hunter-Lab	28.9474, -7.8023, 15.3199

# Details

The Hex color **52551D** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **201D55**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **85864C**, and **232800** is the 20% darker color. If you saturate the color by 10%, you get **525514**, and if you desaturate by 10%, it is **525526**.

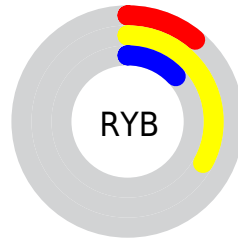
# Distribution



Red (32%)

Green (33%)

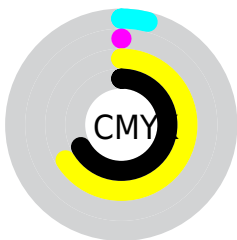
Blue (11%)



Red (11%)

Yellow (33%)

Blue (13%)

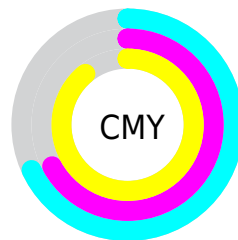


Cyan (4%)

Magenta (0%)

Yellow (66%)

Black (67%)



Cyan (68%)

Magenta (67%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52551D 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 52551D by changing the saturation by 10% instead.



 52551D

 52551D

FFFFFF

 3A3E05

 85864C

 232800

 A0A164

 011500

 BBBC7E

 000000

 D7D798

 F4F4B3

 FFFFCF

 FFFFEB

 52551D

 52551D

■ 525514

■ 525526

■ 51550C

■ 53552E

■ 515504

■ 535536

■ 505500

■ 54553F

■ 545548

■ 555550

■ 555558

■ 565561

■ 565569

# Harmonies

## Analogous

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



6A4C1D



52551D



345B2D

# Triad

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



52551D



005D77



7C3C5E

# Complementary

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



52551D



201D55

# 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.



674575



52551D



005884

# Square

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



52551D



005F60



404F84



823C44

# Rectangle

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



52551D



165D3D



404F84



773F67



# Sweetspot

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



52551D



6C6E58



55201D



37382B



B8B8B8



383838



# Same Dimension

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



52551D



696E17



36551D



2B2B27



656B00



DEEB00



# Inverse Universe

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



201D55



1C176E



3C1D55



27272B



06006B



0D00EB



# Previews

## White Background



This preview shows how the Hex color 52551D looks on a white background.

## Color Contrast Check

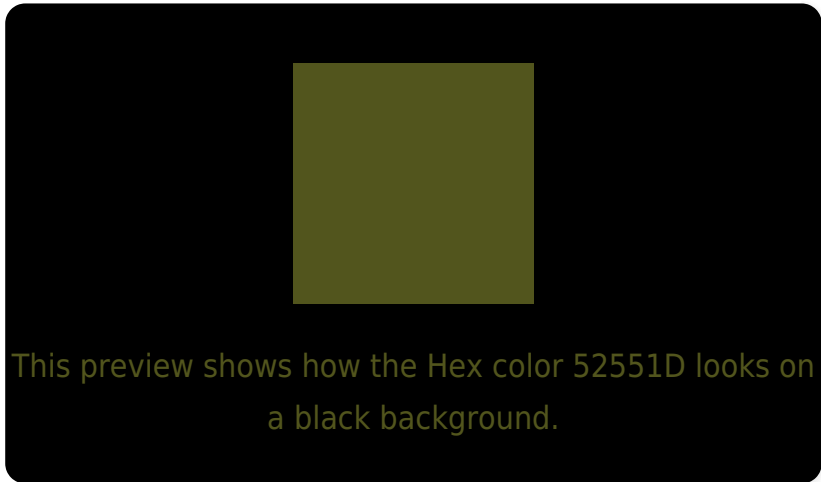
Large Text (above 18pt) WCAG AA ✓ Pass

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

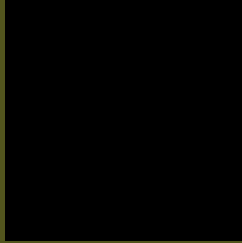
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 52551D Background



This preview shows how black text looks on a background with the Hex color 52551D.



This preview shows how white text looks on a background with the Hex color 52551D.

# 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**  
52551D

**Protanopia**  
5B521C

**Deuteranopia**  
664E1F



**Tritanopia**  
574F56

# Trichromacy



**Original Color**  
52551D

**Protanomaly**  
58531C

**Deuteranomaly**  
5F511E

**Tritanomaly**  
555141

# Monochromacy



**Original Color**  
52551D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
4F513C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52551D 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 #52551D looks like.

```
.text, #text, p{  
    color:#52551D  
}
```

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 #52551D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52551D
}
```

## Border

The CSS property to change the border of an element to Hex 52551D 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".

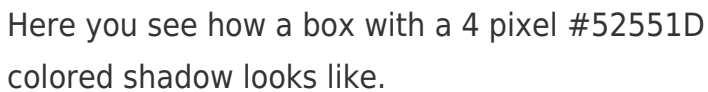
```
.border, #border, table{ border:4px solid
#52551D }
```

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

```
.border{ border-color:#52551D }
```

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

Here you see how a box with a 4 pixel #52551D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52551D; -webkit-box-shadow:4px 4px  
4px 4px #52551D; box-shadow:4px 4px 4px  
4px #52551D }
```

# Background

The CSS property to change the background color of an element to Hex 52551D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52551D }
```

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

```
.background{ background-color:#52551D }
```

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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