

# Converting Colors

Hex(505E1F)

Have a look what the booklet for  
Hex(505E1F) contains.

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**Color**

**Hex(505E1F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	505E1F
RGB	80, 94, 31
RGB Percent	31%, 37%, 12%
CMY	0.6863, 0.6314, 0.8784
CMYK	0.15, 0.00, 0.67, 0.63
HSL	73°, 50%, 25%
HSV	73°, 67%, 37%
XYZ	7.5583, 9.8098, 2.7914
YIQ	82.6320, 11.8790, -22.5610

# Conversions

## Conversions Part 2

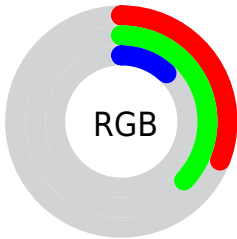
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 94, 45
Decimal	5266975
CIELab	37.50, -15.59, 33.27
CIElCh	37, 36.737, 115.103
Yxy	9.8098, 0.3749, 0.4866
Android (android.graphics.Color)	4283457055 (0xFF505E1F)
YUV	82.6320, -25.4546, -2.3083
Hunter-Lab	31.3206, -11.7355, 16.6402

# Details

The Hex color **505E1F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2D1F5E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **83904E**, and **223000** is the 20% darker color. If you saturate the color by 10%, you get **4E5E16**, and if you desaturate by 10%, it is **525E28**.

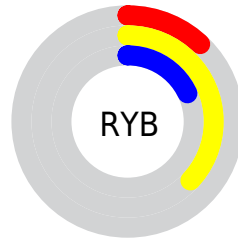
# Distribution



Red (31%)

Green (37%)

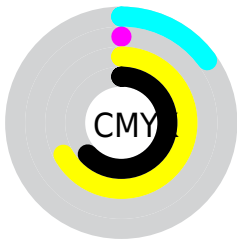
Blue (12%)



Red (12%)

Yellow (37%)

Blue (18%)

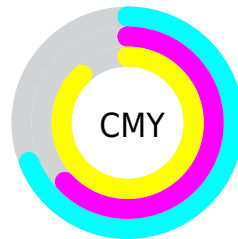


Cyan (15%)

Magenta (0%)

Yellow (67%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 505E1F 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 505E1F by changing the saturation by 10% instead.





505E1F



505E1F

FFFFFF



384606



83904E



223000



9EAB67



021C00



B9C681



000000



D5E29B



F2FFB6



FFFFD2



FFFFEF



505E1F



505E1F

■ 4E5E16

■ 525E28

■ 4C5E0C

■ 545E32

■ 4A5E03

■ 565E3B

■ 495E00

■ 585E45

■ 5A5E4E

■ 5D5E57

■ 5F5E61

■ 615E6A

■ 635E74

# Harmonies

## Analogous

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



6D551A



505E1F



2A6435

# Triad

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



505E1F



006488



8C3E5E

# Complementary

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



505E1F



2D1F5E

# 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.



78467B



505E1F



005D93

# Square

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



505E1F



006771



51528E



8E4041

# Rectangle

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



505E1F



006648



51528E



874068



# Sweetspot

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



505E1F



757A62



5E2D1F



3A3D2F



BDBDBD



3D3D3D



# Same Dimension

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



505E1F



657A18



315E1F



2D2E29



556E00



B8ED00



# Inverse Universe

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



2D1F5E



2E187A



4C1F5E



2A292E



18006E



3500ED



# Previews

## White Background



This preview shows how the Hex color 505E1F looks on a white background.

## Color Contrast Check

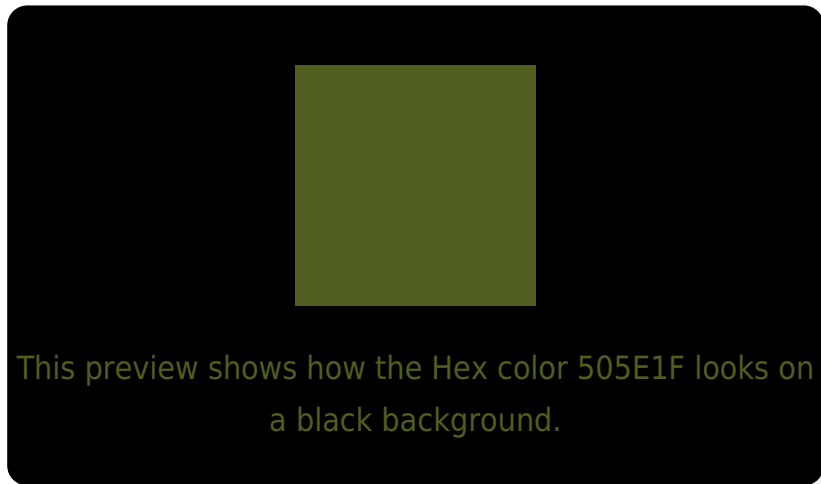
Large Text (above 18pt) WCAG AA ✓ Pass

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 505E1F Background



This preview shows how black text looks on a background with the Hex color 505E1F.



This preview shows how white text looks on a background with the Hex color 505E1F.

# 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**  
505E1F

**Protanopia**  
63581D

**Deuteranopia**  
6E5422



**Tritanopia**  
57585F

# Trichromacy



**Original Color**  
505E1F

**Protanomaly**  
5C5A1E

**Deuteranomaly**  
635821

**Tritanomaly**  
545A48

# Monochromacy



**Original Color**  
505E1F

**Achromatopsia**  
535353

**Achromatomaly**  
525740

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 505E1F 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 #505E1F looks like.

```
.text, #text, p{  
    color:#505E1F  
}
```

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 #505E1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505E1F
}
```

## Border

The CSS property to change the border of an element to Hex 505E1F 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
#505E1F }
```

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

```
.border{ border-color:#505E1F }
```

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

Here you see how a box with a 4 pixel #505E1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505E1F; -webkit-box-shadow:4px 4px  
4px 4px #505E1F; box-shadow:4px 4px 4px  
4px #505E1F }
```

# Background

The CSS property to change the background color of an element to Hex 505E1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505E1F }
```

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

```
.background{ background-color:#505E1F }
```

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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