

# Converting Colors

Hex(557419)

Have a look what the booklet for  
Hex(557419) contains.

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# Color

Hex(557419)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	557419
RGB	85, 116, 25
RGB Percent	33%, 45%, 10%
CMY	0.6667, 0.5451, 0.9020
CMYK	0.27, 0.00, 0.78, 0.55
HSL	80°, 65%, 28%
HSV	80°, 78%, 45%
XYZ	10.1672, 14.4923, 3.1811
YIQ	96.3570, 10.7350, -34.8730

# Conversions

## Conversions Part 2

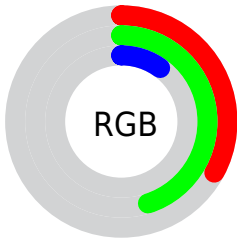
<b>Format</b>	<b>Color</b>
<b>RYB</b>	25, 116, 56
Decimal	5600281
CIELab	44.93, -25.28, 43.45
CIELCh	45, 50.274, 120.191
Yxy	14.4923, 0.3652, 0.5205
Android (android.graphics.Color)	4283790361 (0xFF557419)
YUV	96.3570, -35.1790, -9.9601
Hunter-Lab	38.0687, -18.9475, 21.6937

# Details

The Hex color **557419** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **381974**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8AA84C**, and **244400** is the 20% darker color. If you saturate the color by 10%, you get **51740D**, and if you desaturate by 10%, it is **597425**.

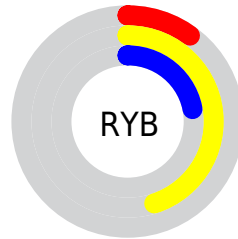
# Distribution



Red (33%)

Green (45%)

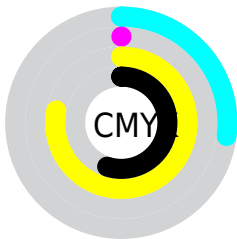
Blue (10%)



Red (10%)

Yellow (45%)

Blue (22%)

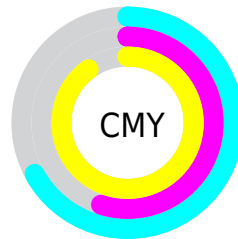


Cyan (27%)

Magenta (0%)

Yellow (78%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 557419 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 557419 by changing the saturation by 10% instead.





557419



557419

FFFFFF



3C5B00



8AA84C



244400



A5C366



062D00



C1DF80



001A00



DDFC9B



000000



FAFFB6



FFFFD2



FFFFEF



557419



557419

■ 51740D

■ 597425

■ 4D7402

■ 5D7430

■ 4C7400

■ 61743C

■ 657447

■ 697453

■ 6D745F

■ 71746A

■ 757476

■ 797481

# Harmonies

## Analogous

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



7F6806



557419



047B3E

# Triad

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



557419



0079B3



B4416C

# Complementary

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



557419



381974

# 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.



9D4C95



557419



006FBE

# Square

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



557419



007D93



6A5FB3



B34743

# Rectangle

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



557419



007D5B



6A5FB3



AF437A



# Sweetspot

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



557419



8A9672



743719



454D36



CCCCCC



4D4D4D



# Same Dimension

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



557419



669609



287419



393B35



517A00



A5FA00



# Inverse Universe

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



381974



390996



651974



37353B



2A007A



5500FA



# Previews

## White Background



This preview shows how the Hex color 557419 looks on a white background.

## Color Contrast Check

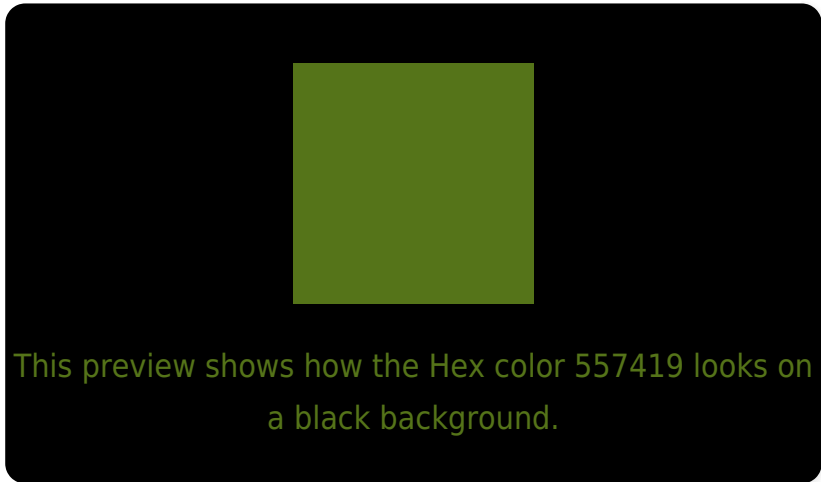
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

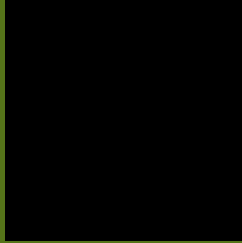
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 557419 Background



This preview shows how black text looks on a background with the Hex color 557419.



This preview shows how white text looks on a background with the Hex color 557419.

# 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**  
557419

**Protanopia**  
776A16

**Deuteranopia**  
856520



**Tritanopia**  
5F6C75

# Trichromacy



**Original Color**  
557419

**Protanomaly**  
6B6E17

**Deuteranomaly**  
746A1D

**Tritanomaly**  
5B6F54

# Monochromacy



**Original Color**  
557419

**Achromatopsia**  
606060

**Achromatomaly**  
5C6746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 557419 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 #557419 looks like.

```
.text, #text, p{  
    color:#557419  
}
```

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 #557419 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557419
}
```

## Border

The CSS property to change the border of an element to Hex 557419 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
#557419 }
```

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

```
.border{ border-color:#557419 }
```

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

Here you see how a box with a 4 pixel #557419 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557419; -webkit-box-shadow:4px 4px  
4px 4px #557419; box-shadow:4px 4px 4px  
4px #557419 }
```

# Background

The CSS property to change the background color of an element to Hex 557419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557419 }
```

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

```
.background{ background-color:#557419 }
```

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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