

Converting Colors

Hex(557318)

Have a look what the booklet for
Hex(557318) contains.

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Color

Hex(557318)

Conversions

Conversions Part 1

Format	Color
Hex	557318
RGB	85, 115, 24
RGB Percent	33%, 45%, 9%
CMY	0.6667, 0.5490, 0.9059
CMYK	0.26, 0.00, 0.79, 0.55
HSL	80°, 65%, 27%
HSV	80°, 79%, 45%
XYZ	10.0419, 14.2587, 3.0871
YIQ	95.6560, 11.3310, -34.6610

Conversions

Conversions Part 2

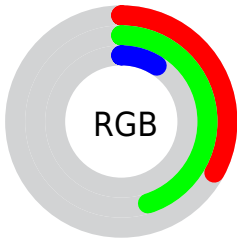
Format	Color
RYB	24, 115, 54
Decimal	5600024
CIELab	44.60, -24.84, 43.50
CIELCh	45, 50.094, 119.730
Yxy	14.2587, 0.3667, 0.5206
Android (android.graphics.Color)	4283790104 (0xFF557318)
YUV	95.6560, -35.3264, -9.3453
Hunter-Lab	37.7607, -18.6117, 21.5853

Details

The Hex color **557318** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **361873**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8AA74B**, and **244300** is the 20% darker color. If you saturate the color by 10%, you get **51730D**, and if you desaturate by 10%, it is **597324**.

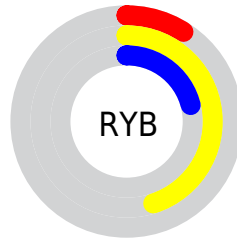
Distribution



Red (33%)

Green (45%)

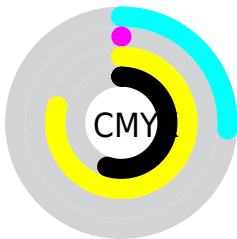
Blue (9%)



Red (9%)

Yellow (45%)

Blue (21%)

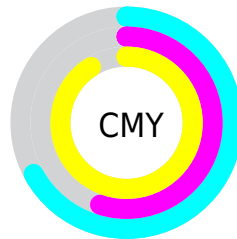


Cyan (26%)

Magenta (0%)

Yellow (79%)

Black (55%)



Cyan (67%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557318 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 557318 by changing the saturation by 10% instead.



557318



557318

FFFFFF



3C5A00



8AA74B



244300



A5C265



072C00



C1DE7F



001900



DDFB9A



000000



FAFFB5



FFFFD1



FFFFEE



557318



557318

■ 51730D

■ 597324

■ 4D7301

■ 5D732F

■ 4D7300

■ 60733B

■ 647346

■ 687352

■ 6C735D

■ 707369

■ 737374

■ 777380

Harmonies

Analogous

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



7E6705



557318



077A3D

Triad

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



557318



0078B1



B2406C

Complementary

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



557318



361873

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.



9B4C94



557318



006EBD

Square

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



557318



007D92



685FB2



B24643

Rectangle

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



557318



007C59



685FB2



AD427A

Sweetspot

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



557318



8B9672



733518



454D36



CCCCCC



4D4D4D

Same Dimension

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



557318



679608



297318



393B35



527A00



A8FA00

Inverse Universe

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



361873



370896



621873



37353B



28007A



5200FA

Previews

White Background



This preview shows how the Hex color 557318 looks on a white background.

Color Contrast Check

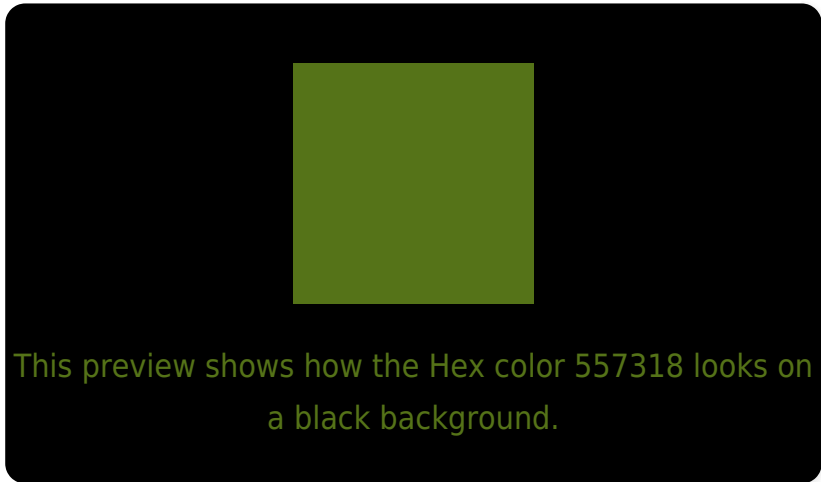
Large Text (above 18pt) WCAG AA ✓ Pass

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

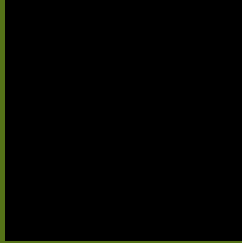
Any Text WCAG AA × Fail

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 557318 Background



This preview shows how black text looks on a background with the Hex color 557318.



This preview shows how white text looks on a background with the Hex color 557318.

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
557318

Protanopia
766916

Deuteranopia
84641F



Tritanopia
5F6B74

Trichromacy



Original Color
557318

Protanomaly
6A6D17

Deuteranomaly
73691C

Tritanomaly
5B6E53

Monochromacy



Original Color
557318

Achromatopsia
606060

Achromatomaly
5C6746

CSS Examples

Text

The CSS property to change the color of the text to Hex 557318 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 #557318 looks like.

```
.text, #text, p{  
    color:#557318  
}
```

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 #557318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557318
}
```

Border

The CSS property to change the border of an element to Hex 557318 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
#557318 }
```

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

```
.border{ border-color:#557318 }
```

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

Here you see how a box with a 4 pixel #557318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557318; -webkit-box-shadow:4px 4px  
4px 4px #557318; box-shadow:4px 4px 4px  
4px #557318 }
```

Background

The CSS property to change the background color of an element to Hex 557318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557318 }
```

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

```
.background{ background-color:#557318 }
```

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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