

Converting Colors

Hex(557617)

Have a look what the booklet for
Hex(557617) contains.

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Color

Hex(557617)

Conversions

Conversions Part 1

Format	Color
Hex	557617
RGB	85, 118, 23
RGB Percent	33%, 46%, 9%
CMY	0.6667, 0.5373, 0.9098
CMYK	0.28, 0.00, 0.81, 0.54
HSL	81°, 67%, 28%
HSV	81°, 81%, 46%
XYZ	10.3794, 14.9500, 3.1492
YIQ	97.3030, 10.8270, -36.5410

Conversions

Conversions Part 2

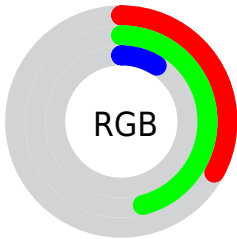
Format	Color
R_{YB}	23, 118, 56
Decimal	5600791
CIE _{Lab}	45.57, -26.38, 44.76
CIE _{LCh}	46, 51.951, 120.514
Yxy	14.9500, 0.3645, 0.5250
Android (android.graphics.Color)	4283790871 (0xFF557617)
YUV	97.3030, -36.6314, -10.7897
Hunter-Lab	38.6653, -19.7472, 22.2366

Details

The Hex color **557617** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **381776**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8AAA4B**, and **234500** is the 20% darker color. If you saturate the color by 10%, you get **51760B**, and if you desaturate by 10%, it is **597623**.

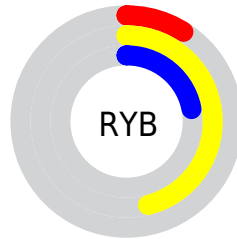
Distribution



Red (33%)

Green (46%)

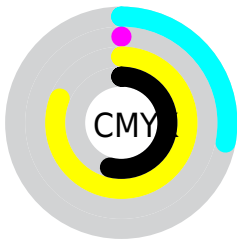
Blue (9%)



Red (9%)

Yellow (46%)

Blue (22%)

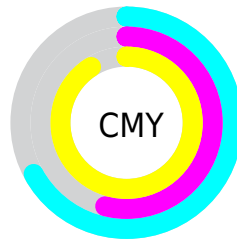


Cyan (28%)

Magenta (0%)

Yellow (81%)

Black (54%)



Cyan (67%)

Magenta (54%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557617 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 557617 by changing the saturation by 10% instead.

 557617

 557617

FFFFFF

 3B5D00

 8AAA4B

 234500

 A5C665

 052F00

 C1E27F

 001C00

 DEFE9A

 000000

 FBFFB5

 FFFFD1

 FFFFEE

 557617

 557617

■ 51760B

■ 597623

■ 4D7600

■ 5D762F

■ 61763A

■ 657646

■ 697652

■ 6E765E

■ 72766A

■ 767675

■ 7A7681

Harmonies

Analogous

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



806A01



557617



007D3F

Triad

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



557617



007BB7



B8406D

Complementary

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



557617



381776

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.



A04C97



557617



0071C3

Square

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



557617



008097



6C60B7



B74742

Rectangle

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



557617



007F5C



6C60B7



B3427C

Sweetspot

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



557617



8C9974



763717



454D36



CCCCCC



4D4D4D

Same Dimension

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



557617



659905



277617



393B35



507A00



A3FA00

Inverse Universe

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



381776



380599



661776



37353B



2B007A



5700FA

Previews

White Background



This preview shows how the Hex color 557617 looks on a white background.

Color Contrast Check

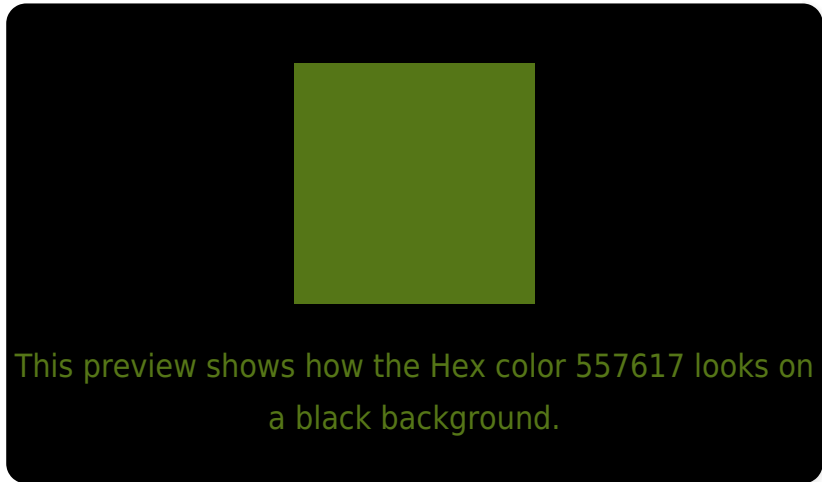
Large Text (above 18pt) WCAG AA ✓ Pass

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

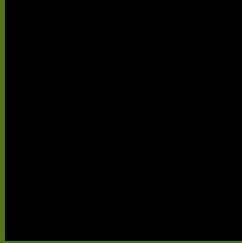
Any Text WCAG AA × Fail

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 557617 Background



This preview shows how black text looks on a background with the Hex color 557617.



This preview shows how white text looks on a background with the Hex color 557617.

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
557617

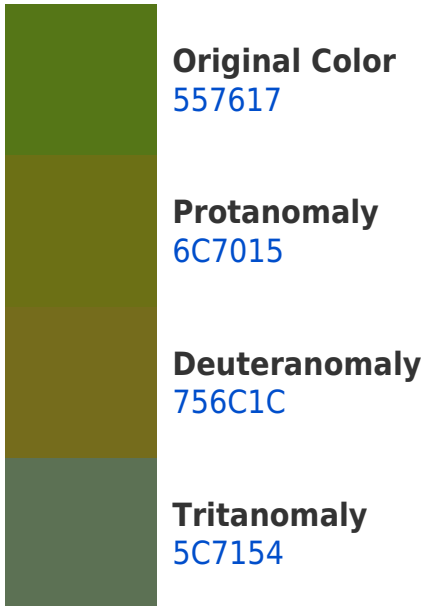
Protanopia
796C14

Deuteranopia
87661F



Tritanopia
606E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 557617 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 #557617 looks like.

```
.text, #text, p{  
    color:#557617  
}
```

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 #557617 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557617
}
```

Border

The CSS property to change the border of an element to Hex 557617 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
#557617 }
```

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

```
.border{ border-color:#557617 }
```

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

Here you see how a box with a 4 pixel #557617 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557617; -webkit-box-shadow:4px 4px  
4px 4px #557617; box-shadow:4px 4px 4px  
4px #557617 }
```

Background

The CSS property to change the background color of an element to Hex 557617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557617 }
```

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

```
.background{ background-color:#557617 }
```

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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