

Converting Colors

Hex(557109)

Have a look what the booklet for
Hex(557109) contains.

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Color

Hex(557109)

Conversions

Conversions Part 1

Format	Color
Hex	557109
RGB	85, 113, 9
RGB Percent	33%, 44%, 4%
CMY	0.6667, 0.5569, 0.9647
CMYK	0.25, 0.00, 0.92, 0.56
HSL	76°, 85%, 24%
HSV	76°, 92%, 44%
XYZ	9.7007, 13.7613, 2.4034
YIQ	92.7720, 16.6960, -38.2800

Conversions

Conversions Part 2

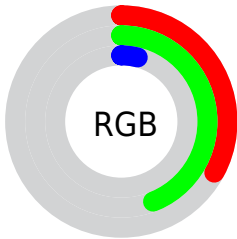
Format	Color
R_YB	9, 113, 37
Decimal	5599497
CIE _{Lab}	43.89, -24.48, 47.15
CIE _{LCh}	44, 53.128, 117.433
Yxy	13.7613, 0.3750, 0.5320
Android (android.graphics.Color)	4283789577 (0xFF557109)
YUV	92.7720, -41.2996, -6.8160
Hunter-Lab	37.0962, -18.2401, 22.1261

Details

The Hex color **557109** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **250971**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **8AA542**, and **234100** is the 20% darker color. If you saturate the color by 10%, you get **537100**, and if you desaturate by 10%, it is **587114**.

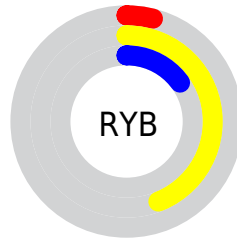
Distribution



Red (33%)

Green (44%)

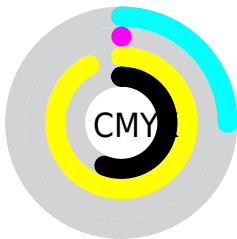
Blue (4%)



Red (4%)

Yellow (44%)

Blue (15%)

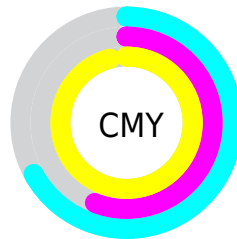


Cyan (25%)

Magenta (0%)

Yellow (92%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557109 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 557109 by changing the saturation by 10% instead.

 557109

 557109

FFFFFF

 3B5800

 8AA542

 234100

 A5C05B

 062B00

 C1DC76

 001600

 DEF990

 000000

 FBFFAB

 FFFFC7

 FFFFE4

 557109

 557109

■ 537100

■ 587114

■ 5B7120

■ 5E712B

■ 617136

■ 647142

■ 67714D

■ 6A7158

■ 6D7163

■ 70716F

Harmonies

Analogous

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



806400



557109



007835

Triad

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



557109



0078B2



B33A6D

Complementary

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



557109



250971

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.



994998



557109



006EC0

Square

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



557109



007C8F



5F5EB7



B44042

Rectangle

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



557109



007B53



5F5EB7



AD3D7C

Sweetspot

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



557109



89946A



712509



434A31



C9C9C9



4A4A4A

Same Dimension

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



557109



6C9400



217109



373832



587800



B5F700

Inverse Universe

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



250971



280094



590971



343238



200078



4300F7

Previews

White Background



This preview shows how the Hex color 557109 looks on a white background.

Color Contrast Check

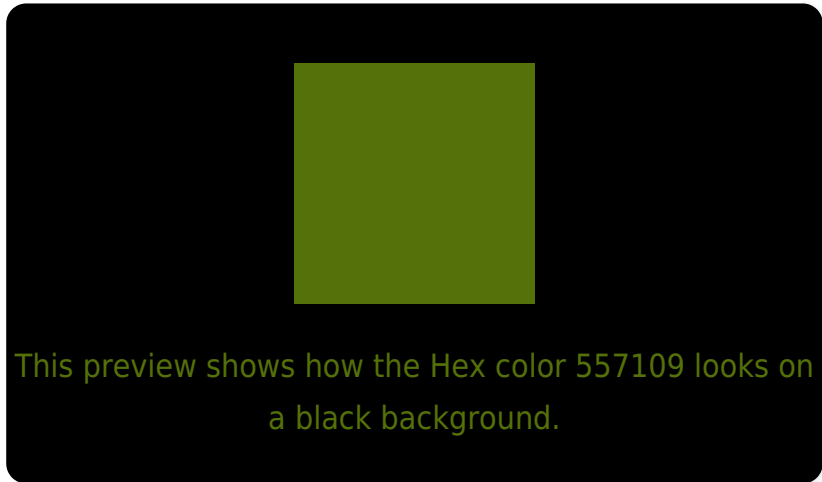
Large Text (above 18pt) WCAG AA ✓ Pass

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

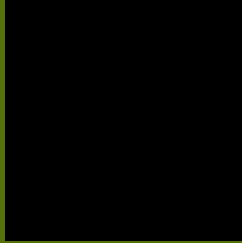
Any Text WCAG AA × Fail

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 557109 Background



This preview shows how black text looks on a background with the Hex color 557109.



This preview shows how white text looks on a background with the Hex color 557109.

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
557109

Protanopia
756801

Deuteranopia
826216



Tritanopia
5F6971

Trichromacy



Original Color
557109

Protanomaly
696B04

Deuteranomaly
726711

Tritanomaly
5B6C4B

Monochromacy



Original Color
557109

Achromatopsia
5D5D5D

Achromatomaly
5A643E

CSS Examples

Text

The CSS property to change the color of the text to Hex 557109 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 #557109 looks like.

```
.text, #text, p{  
    color:#557109  
}
```

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 #557109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557109
}
```

Border

The CSS property to change the border of an element to Hex 557109 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
#557109 }
```

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

```
.border{ border-color:#557109 }
```

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

Here you see how a box with a 4 pixel #557109 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557109; -webkit-box-shadow:4px 4px  
4px 4px #557109; box-shadow:4px 4px 4px  
4px #557109 }
```

Background

The CSS property to change the background color of an element to Hex 557109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557109 }
```

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

```
.background{ background-color:#557109 }
```

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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