

Converting Colors

Hex(759347)

Have a look what the booklet for
Hex(759347) contains.

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Color

Hex(759347)

Conversions

Conversions Part 1

Format	Color
Hex	759347
RGB	117, 147, 71
RGB Percent	46%, 58%, 28%
CMY	0.5412, 0.4235, 0.7216
CMYK	0.20, 0.00, 0.52, 0.42
HSL	84°, 35%, 43%
HSV	84°, 52%, 58%
XYZ	18.9072, 25.1043, 9.8103
YIQ	129.3660, 6.5160, -29.9960

Conversions

Conversions Part 2

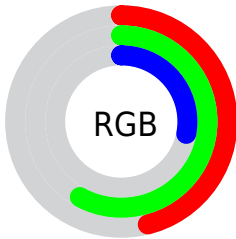
Format	Color
RYB	71, 147, 101
Decimal	7705415
CIELab	57.18, -23.54, 36.51
CIELCh	57, 43.438, 122.816
Yxy	25.1043, 0.3513, 0.4664
Android (android.graphics.Color)	4285895495 (0xFF759347)
YUV	129.3660, -28.7744, -10.8450
Hunter-Lab	50.1042, -20.3240, 23.4640

Details

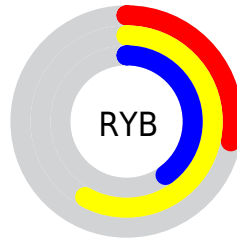
The Hex color **759347** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **654793**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ABC979**, and **426016** is the 20% darker color. If you saturate the color by 10%, you get **6F9338**, and if you desaturate by 10%, it is **7B9356**.

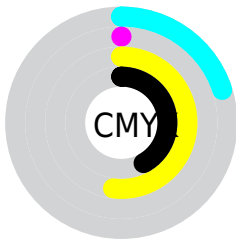
Distribution



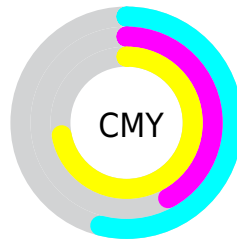
- Red (46%)
- Green (58%)
- Blue (28%)



- Red (28%)
- Yellow (58%)
- Blue (40%)



- Cyan (20%)
- Magenta (0%)
- Yellow (52%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759347 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 759347 by changing the saturation by 10% instead.



759347



759347

FFFFFF



5B792F



ABC979



426016



C6E594



2A4800



E3FFAF



123200



FFFFCA



001E00



FFFFE7



000000



759347



759347



6F9338



7B9356



69932A



819364

■ 64931B

■ 869373

■ 5E930C

■ 8C9382

■ 599300

■ 929391

■ 98939F

■ 9E93AE

■ A393BD

■ A993CB

Harmonies

Analogous

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



9C883B



759347



429A65

Triad

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



759347



0096CC



CF6987

Complementary

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



759347



654793

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.



BB70AD



759347



4C8CD5

Square

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



759347



009BB1



917EC9



CE6E62

Rectangle

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



759347



009C7F



917EC9



CB6A94

Sweetspot

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



759347



B3BFA1



936447



5A614E



E0E0E0



616161

Same Dimension

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



759347



90BF49



509347



474A43



538A00



060A00

Inverse Universe

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



654793



7749BF



8A4793



45434A



36008A



04000A

Previews

White Background



This preview shows how the Hex color 759347 looks on a white background.

Color Contrast Check

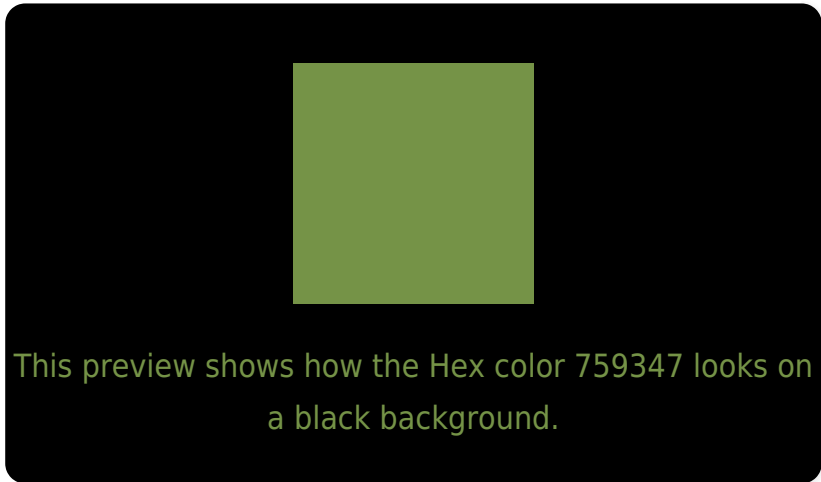
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

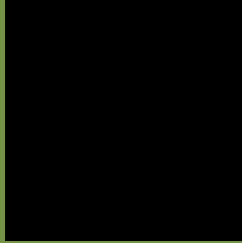
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 759347 Background



This preview shows how black text looks on a background with the Hex color 759347.



This preview shows how white text looks on a background with the Hex color 759347.

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





Tritanopia
7F8A95

Trichromacy



Original Color
759347

Protanomaly
8B8D45

Deuteranomaly
95894A

Tritanomaly
7B8D79

Monochromacy



Original Color
759347

Achromatopsia
818181

Achromatomaly
7D886C

CSS Examples

Text

The CSS property to change the color of the text to Hex 759347 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 #759347 looks like.

```
.text, #text, p{  
    color:#759347  
}
```

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 #759347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759347
}
```

Border

The CSS property to change the border of an element to Hex 759347 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
#759347 }
```

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

```
.border{ border-color:#759347 }
```

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

Here you see how a box with a 4 pixel #759347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759347; -webkit-box-shadow:4px 4px  
4px 4px #759347; box-shadow:4px 4px 4px  
4px #759347 }
```

Background

The CSS property to change the background color of an element to Hex 759347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759347 }
```

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

```
.background{ background-color:#759347 }
```

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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