

# Converting Colors

Hex(347151)

Have a look what the booklet for  
Hex(347151) contains.

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# Color

**Hex(347151)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	347151
RGB	52, 113, 81
RGB Percent	20%, 44%, 32%
CMY	0.7961, 0.5569, 0.6824
CMYK	0.54, 0.00, 0.28, 0.56
HSL	149°, 37%, 32%
HSV	149°, 54%, 44%
XYZ	8.8065, 13.1344, 9.8556
YIQ	91.1130, -26.0840, -22.8840

# Conversions

## Conversions Part 2

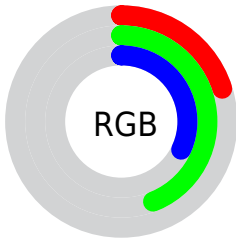
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 93, 113
Decimal	3436881
CIELab	42.97, -27.91, 11.86
CIElCh	43, 30.326, 156.968
Yxy	13.1344, 0.2770, 0.4131
Android (android.graphics.Color)	4281626961 (0xFF347151)
YUV	91.1130, -4.9857, -34.3021
Hunter-Lab	36.2414, -20.0478, 9.2454

# Details

The Hex color **347151** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **713454**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **67A582**, and **004024** is the 20% darker color. If you saturate the color by 10%, you get **29714B**, and if you desaturate by 10%, it is **3F7157**.

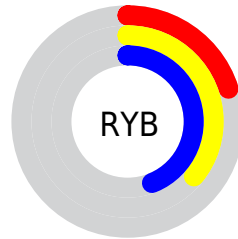
# Distribution



Red (20%)

Green (44%)

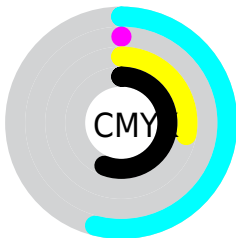
Blue (32%)



Red (20%)

Yellow (36%)

Blue (44%)

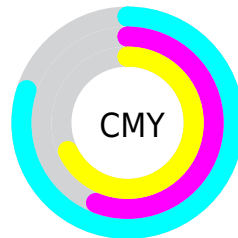


Cyan (54%)

Magenta (0%)

Yellow (28%)

Black (56%)



Cyan (80%)

Magenta (56%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 347151 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 347151 by changing the saturation by 10% instead.





347151



347151

FFFFFF



19583A



67A582



004024



82C19C



002A0F



9DDDB7



001200



B8F9D3



000000



D4FFE7



F1FFFF



347151



347151



29714B



3F7157

■ 1D7145

■ 4B715D

■ 12713F

■ 567163

■ 077139

■ 617169

■ 007136

■ 6D716F

■ 787175

■ 83717A

■ 8E7180

■ 9A7186

# Harmonies

## Analogous

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



556D3C



347151



00736B

# Triad

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



347151



486697



935549

# Complementary

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



347151



713454

# 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.



955161



347151



705D8E

# Square

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



347151



036D93



89547A



855D38

# Rectangle

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



347151



00727B



89547A



955350



# Sweetspot

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



347151



7C9487



557134



3C4A43



C9C9C9



4A4A4A



# Same Dimension

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



347151



349461



34716F



323835



007839



00F776



# Inverse Universe

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



713454



943466



713436



383235



78003F



F70082



# Previews

## White Background



This preview shows how the Hex color 347151 looks on a white background.

## Color Contrast Check

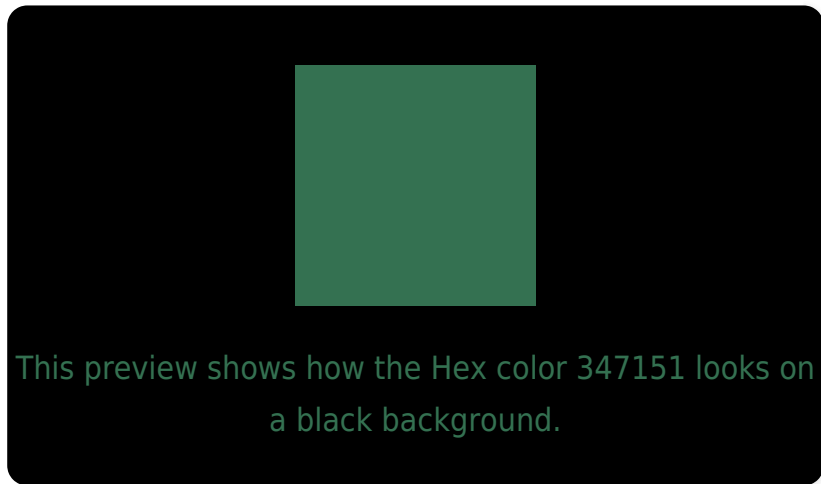
Large Text (above 18pt) WCAG AA ✓ Pass

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

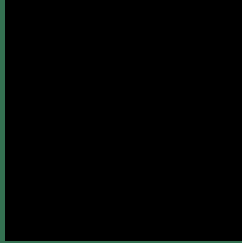
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 347151 Background



This preview shows how black text looks on a background with the Hex color 347151.



This preview shows how white text looks on a background with the Hex color 347151.

# 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**  
347151

**Protanopia**  
6C654B

**Deuteranopia**  
746154



**Tritanopia**  
3E6C75

# Trichromacy



**Original Color**  
347151

**Protanomaly**  
58694D

**Deuteranomaly**  
5D6753

**Tritanomaly**  
3A6E68

# Monochromacy



**Original Color**  
347151

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
4D6357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 347151 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 #347151 looks like.

```
.text, #text, p{  
    color:#347151  
}
```

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 #347151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347151
}
```

## Border

The CSS property to change the border of an element to Hex 347151 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
#347151 }
```

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

```
.border{ border-color:#347151 }
```

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

Here you see how a box with a 4 pixel #347151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347151; -webkit-box-shadow:4px 4px  
4px 4px #347151; box-shadow:4px 4px 4px  
4px #347151 }
```

# Background

The CSS property to change the background color of an element to Hex 347151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347151 }
```

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

```
.background{ background-color:#347151 }
```

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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