

Converting Colors

Hex(347E21)

Have a look what the booklet for
Hex(347E21) contains.

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Color

Hex(347E21)

Conversions

Conversions Part 1

Format	Color
Hex	347E21
RGB	52, 126, 33
RGB Percent	20%, 49%, 13%
CMY	0.7961, 0.5059, 0.8706
CMYK	0.59, 0.00, 0.74, 0.51
HSL	108°, 58%, 31%
HSV	108°, 74%, 49%
XYZ	9.1515, 15.7616, 3.9988
YIQ	93.2720, -14.2510, -44.6110

Conversions

Conversions Part 2

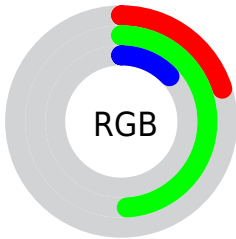
Format	Color
R_{YB}	33, 126, 107
Decimal	3440161
CIE Lab	46.66, -40.92, 41.56
CIE LCh	47, 58.319, 134.557
Yxy	15.7616, 0.3165, 0.5452
Android (android.graphics.Color)	4281630241 (0xFF347E21)
YUV	93.2720, -29.7141, -36.1955
Hunter-Lab	39.7009, -28.3300, 21.8187

Details

The Hex color **347E21** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6B217E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6BB353**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **2A7E14**, and if you desaturate by 10%, it is **3E7E2E**.

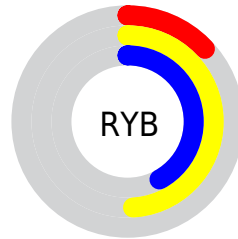
Distribution



Red (20%)

Green (49%)

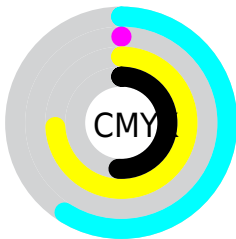
Blue (13%)



Red (13%)

Yellow (49%)

Blue (42%)

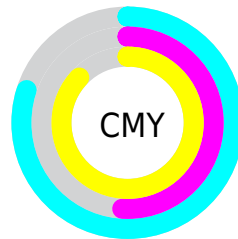


Cyan (59%)

Magenta (0%)

Yellow (74%)

Black (51%)



Cyan (80%)

Magenta (51%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 347E21 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 347E21 by changing the saturation by 10% instead.



347E21



347E21

FFFFFF



146403



6BB353



004C00



86CF6D



003400



A2EC87



001F00



BEFFA2



000000



DBFFBE



F8FFDA



FFFFFF7



347E21



347E21

■ 2A7E14

■ 3E7E2E

■ 207E08

■ 487E3A

■ 1A7E00

■ 527E47

■ 5C7E53

■ 667E60

■ 707E6D

■ 7A7E79

■ 847E86

■ 8E7E92

Harmonies

Analogous

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



6F7400



347E21



008353

Triad

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



347E21



007BCD



C53B59

Complementary

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



347E21



6B217E

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.



B93F8A



347E21



2B6CCE

Square

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



347E21



0083B3



8E56B5



B94D2B

Rectangle

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



347E21



008575



8E56B5



C43969

Sweetspot

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



347E21



87A37F



7E6A21



41523C



D1D1D1



525252

Same Dimension

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



347E21



30A312



217E3B



3B4039



1A8000



000000

Inverse Universe

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



6B217E



8612A3



7E2164



3E3940



650080



000000

Previews

White Background



This preview shows how the Hex color 347E21 looks on a white background.

Color Contrast Check

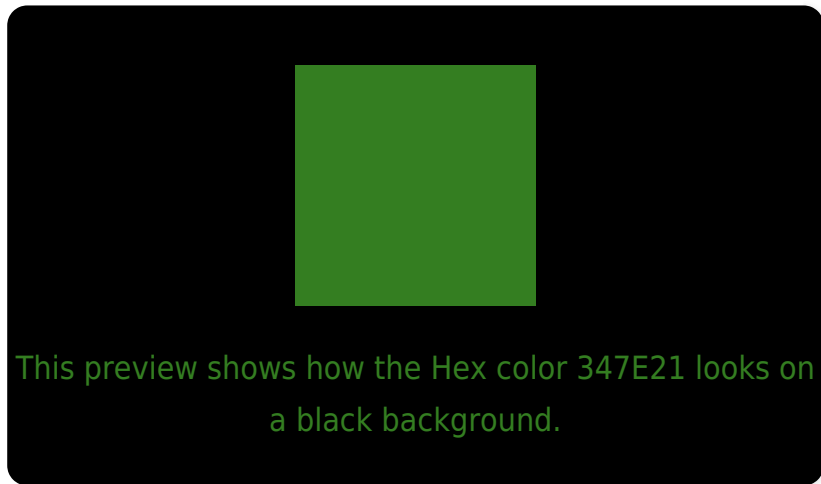
Large Text (above 18pt) WCAG AA ✓ Pass

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

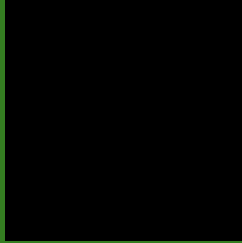
Any Text WCAG AA × Fail

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 347E21 Background



This preview shows how black text looks on a background with the Hex color 347E21.



This preview shows how white text looks on a background with the Hex color 347E21.

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
347E21

Protanopia
7C6E1D

Deuteranopia
896929



Tritanopia
47767F

Trichromacy



Original Color
347E21

Protanomaly
62741E

Deuteranomaly
6A7126

Tritanomaly
40795D

Monochromacy



Original Color
347E21

Achromatopsia
5D5D5D

Achromatomaly
4E6947

CSS Examples

Text

The CSS property to change the color of the text to Hex 347E21 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 #347E21 looks like.

```
.text, #text, p{  
    color:#347E21  
}
```

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 #347E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #347E21
}
```

Border

The CSS property to change the border of an element to Hex 347E21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

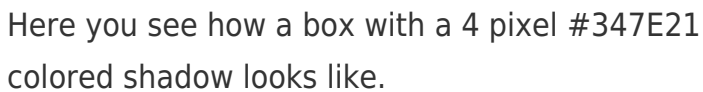
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#347E21 }
```

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

```
.border{ border-color:#347E21 }
```

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



Here you see how a box with a 4 pixel #347E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #347E21; -webkit-box-shadow:4px 4px  
4px 4px #347E21; box-shadow:4px 4px 4px  
4px #347E21 }
```

Background

The CSS property to change the background color of an element to Hex 347E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#347E21 }
```

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

```
.background{ background-color:#347E21 }
```

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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