

# Converting Colors

Hex(345620)

Have a look what the booklet for  
Hex(345620) contains.

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# Color

Hex(345620)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	345620
RGB	52, 86, 32
RGB Percent	20%, 34%, 13%
CMY	0.7961, 0.6627, 0.8745
CMYK	0.40, 0.00, 0.63, 0.66
HSL	98°, 46%, 23%
HSV	98°, 63%, 34%
XYZ	5.0047, 7.4899, 2.5484
YIQ	69.6780, -2.9300, -24.0020

# Conversions

## Conversions Part 2

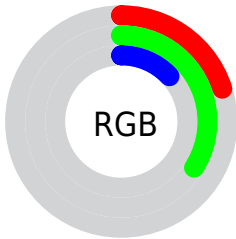
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 86, 66
Decimal	3429920
CIE <sub>Lab</sub>	32.90, -23.36, 27.10
CIE <sub>LCh</sub>	33, 35.774, 130.763
Yxy	7.4899, 0.3327, 0.4979
Android (android.graphics.Color)	4281620000 (0xFF345620)
YUV	69.6780, -18.5753, -15.5036
Hunter-Lab	27.3677, -15.2516, 13.6364

# Details

The Hex color **345620** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **422056**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **65884E**, and **062800** is the 20% darker color. If you saturate the color by 10%, you get **2F5617**, and if you desaturate by 10%, it is **395629**.

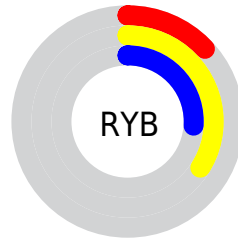
# Distribution



Red (20%)

Green (34%)

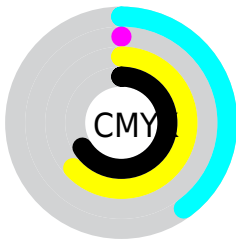
Blue (13%)



Red (13%)

Yellow (34%)

Blue (26%)

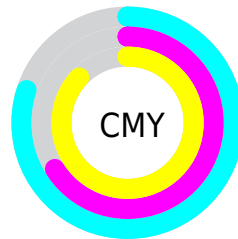


Cyan (40%)

Magenta (0%)

Yellow (63%)

Black (66%)



Cyan (80%)

Magenta (66%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 345620 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 345620 by changing the saturation by 10% instead.



 345620

 345620

FFFFFF

 1C3F09

 65884E

 062800

 7FA267

 001200

 99BE80

 000000

 B4D99B

 D0F6B6

 EDFFD1

 FFFFEE

 345620

 345620

■ 2F5617

■ 395629

■ 29560F

■ 3F5631

■ 245606

■ 44563A

■ 205600

■ 4A5642

■ 4F564B

■ 545654

■ 5A565C

■ 5F5665

■ 65566D

# Harmonies

## Analogous

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



534F11



345620



005A3A

# Triad

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



345620



005582



813344

# Complementary

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



345620



422056

# 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.



773761



345620



294D85

# Square

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



345620



005A72



5C4278



7C3A2A

# Rectangle

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



345620



005B4D



5C4278



80334E



# Sweetspot

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



345620



63705B



564120



30382B



B8B8B8



383838



# Same Dimension

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



345620



3B701C



205626



292B27



286B00



57EB00



# Inverse Universe

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



422056



511C70



562050



2A272B



43006B

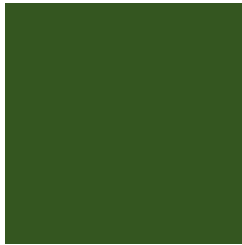


9400EB



# Previews

## White Background



This preview shows how the Hex color 345620 looks on a white background.

## Color Contrast Check

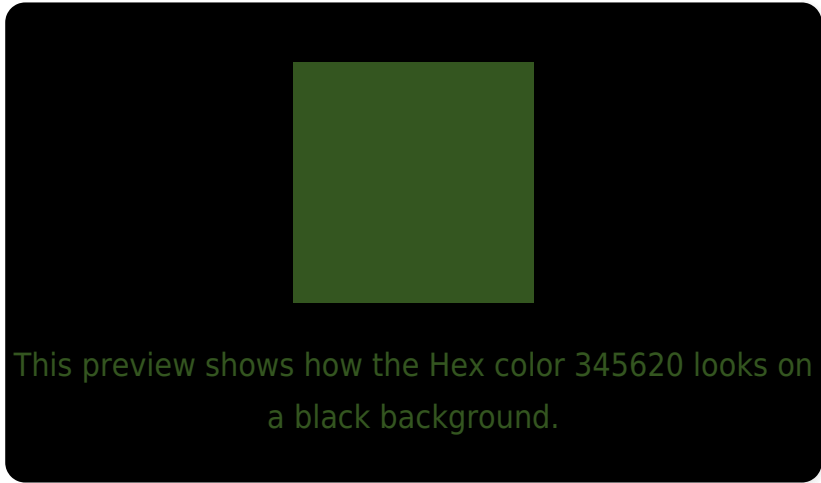
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

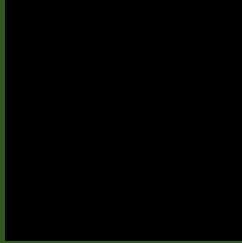
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 345620 Background



This preview shows how black text looks on a background with the Hex color 345620.



This preview shows how white text looks on a background with the Hex color 345620.

# 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**  
345620

**Protanopia**  
564D1E

**Deuteranopia**  
5F4924



# Trichromacy



**Original Color**  
345620

**Protanomaly**  
4A501F

**Deuteranomaly**  
4F4E23

**Tritanomaly**  
3A5343

# Monochromacy



**Original Color**  
345620

**Achromatopsia**  
464646

**Achromatomaly**  
3F4C38

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 345620 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 #345620 looks like.

```
.text, #text, p{  
    color:#345620  
}
```

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 #345620 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #345620
}
```

## Border

The CSS property to change the border of an element to Hex 345620 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
#345620 }
```

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

```
.border{ border-color:#345620 }
```

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

Here you see how a box with a 4 pixel #345620 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #345620; -webkit-box-shadow:4px 4px  
4px 4px #345620; box-shadow:4px 4px 4px  
4px #345620 }
```

# Background

The CSS property to change the background color of an element to Hex 345620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#345620 }
```

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

```
.background{ background-color:#345620 }
```

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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