

Converting Colors

Hex(34B206)

Have a look what the booklet for
Hex(34B206) contains.

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Color

Hex(34B206)

Conversions

Conversions Part 1

Format	Color
Hex	34B206
RGB	52, 178, 6
RGB Percent	20%, 70%, 2%
CMY	0.7961, 0.3020, 0.9765
CMYK	0.71, 0.00, 0.97, 0.30
HSL	104°, 93%, 36%
HSV	104°, 97%, 70%
XYZ	17.3694, 32.5840, 5.5462
YIQ	120.7180, -19.8840, -80.2040

Conversions

Conversions Part 2

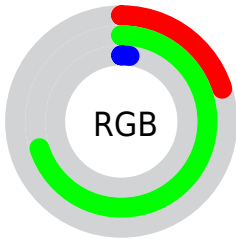
Format	Color
R _{YB}	6, 178, 132
Decimal	3453446
CIE Lab	63.82, -60.32, 63.49
CIE LCh	64, 87.576, 133.537
Yxy	32.5840, 0.3130, 0.5871
Android (android.graphics.Color)	4281643526 (0xFF34B206)
YUV	120.7180, -56.5560, -60.2657
Hunter-Lab	57.0824, -45.5789, 34.1970

Details

The Hex color **34B206** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **8406B2**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **76EB4E**, and **007C00** is the 20% darker color. If you saturate the color by 10%, you get **30B200**, and if you desaturate by 10%, it is **41B218**.

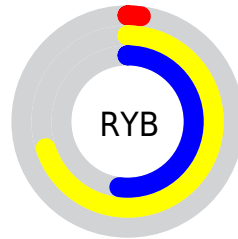
Distribution



Red (20%)

Green (70%)

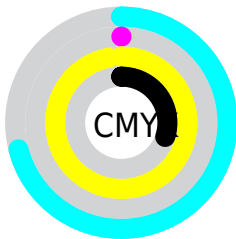
Blue (2%)



Red (2%)

Yellow (70%)

Blue (52%)

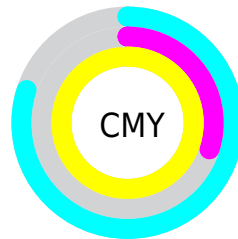


Cyan (71%)

Magenta (0%)

Yellow (97%)

Black (30%)



Cyan (80%)

Magenta (30%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34B206 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 34B206 by changing the saturation by 10% instead.

 34B206

 34B206

FFFFFF

 009700

 76EB4E

 007C00

 94FF6A

 006200

 B2FF86

 004900

 D0FFA2

 003200

 EEFFBE

 001600

 FFFFDB

 000000

 FFFFF9

 34B206

 34B206

■ 30B200

■ 41B218

■ 4EB22A

■ 5BB23B

■ 68B24D

■ 75B25F

■ 82B271

■ 8FB283

■ 9CB294

■ A9B2A6

Harmonies

Analogous

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



9AA200



34B206



00BA6B

Triad

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



34B206



00B0FF



FF377B

Complementary

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



34B206



8406B2

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.



FF44C9



34B206



0099FF

Square

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



34B206



00BAFF



C873FF



FF5F2F

Rectangle

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



34B206



00BCA2



C873FF



FF3295

Sweetspot

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



34B206



B7E8A5



B28106



57754C



F5F5F5



757575

Same Dimension

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



34B206



3EE800



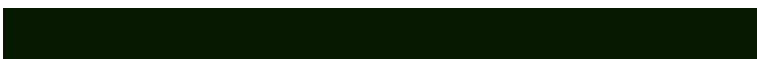
06B22B



535950



299900



071A00

Inverse Universe

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



8406B2



AA00E8



B2068D



575059



700099



13001A

Previews

White Background



This preview shows how the Hex color 34B206 looks on a white background.

Color Contrast Check

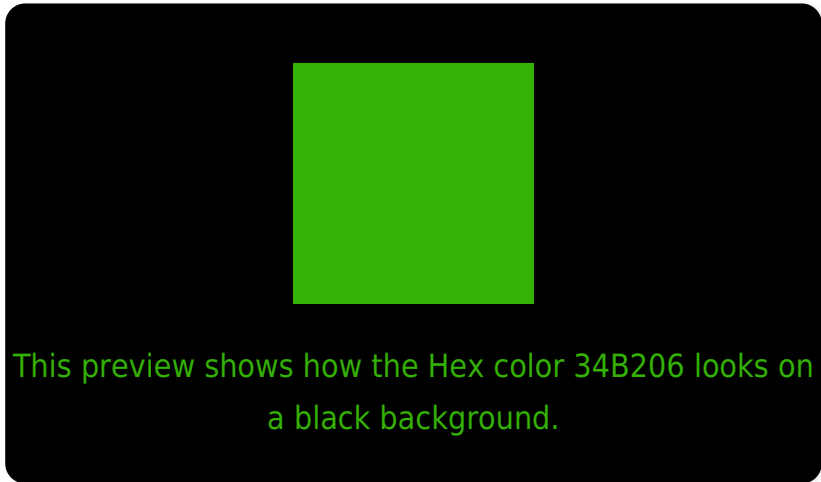
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

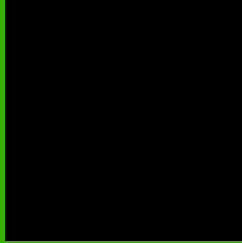
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 34B206 Background



This preview shows how black text looks on a background with the Hex color 34B206.

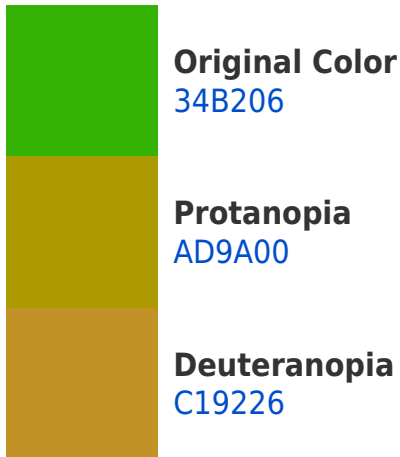


This preview shows how white text looks on a background with the Hex color 34B206.

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
58A5B3

Trichromacy



Original Color

34B206



Protanomaly

81A302



Deuteranomaly

8E9E1A



Tritanomaly

4BAA74

Monochromacy



Original Color

34B206



Achromatopsia

797979



Achromatomaly

608E4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 34B206 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 #34B206 looks like.

```
.text, #text, p{  
    color:#34B206  
}
```

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 #34B206 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34B206
}
```

Border

The CSS property to change the border of an element to Hex 34B206 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
#34B206 }
```

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

```
.border{ border-color:#34B206 }
```

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

Here you see how a box with a 4 pixel #34B206 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34B206; -webkit-box-shadow:4px 4px  
4px 4px #34B206; box-shadow:4px 4px 4px  
4px #34B206 }
```

Background

The CSS property to change the background color of an element to Hex 34B206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34B206 }
```

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

```
.background{ background-color:#34B206 }
```

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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