

Converting Colors

Hex(34C527)

Have a look what the booklet for
Hex(34C527) contains.

Hex(34C527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(34C527)

Conversions

Conversions Part 1

Format	Color
Hex	34C527
RGB	52, 197, 39
RGB Percent	20%, 77%, 15%
CMY	0.7961, 0.2275, 0.8471
CMYK	0.74, 0.00, 0.80, 0.23
HSL	115°, 67%, 46%
HSV	115°, 80%, 77%
XYZ	21.7486, 40.8091, 8.6501
YIQ	135.6330, -35.7020, -79.8780

Conversions

Conversions Part 2

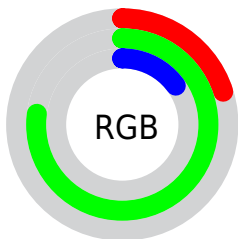
Format	Color
RYB	39, 197, 184
Decimal	3458343
CIELab	70.04, -65.05, 62.37
CIELCh	70, 90.119, 136.204
Yxy	40.8091, 0.3054, 0.5731
Android (android.graphics.Color)	4281648423 (0xFF34C527)
YUV	135.6330, -47.6401, -73.3461
Hunter-Lab	63.8820, -51.0231, 36.6890

Details

The Hex color **34C527** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **B827C5**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **79FF62**, and **008E00** is the 20% darker color. If you saturate the color by 10%, you get **22C513**, and if you desaturate by 10%, it is **46C53B**.

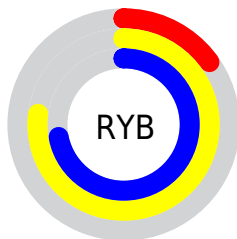
Distribution



Red (20%)

Green (77%)

Blue (15%)



Red (15%)

Yellow (77%)

Blue (72%)

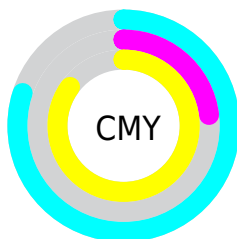


Cyan (74%)

Magenta (0%)

Yellow (80%)

Black (23%)



Cyan (80%)

Magenta (23%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34C527 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 34C527 by changing the saturation by 10% instead.

 34C527

 34C527

FFFFFF

 00A900


 79FF62

 008E00

 98FF7D

 007300

 B7FF99

 005900

 D5FFB6

 004000

 F4FFD2

 002800

 FFFFF0

 000000

 34C527

 34C527

 22C513

 46C53B

 10C500

 58C54E

 6AC562

 7CC576

 8EC58A

 A0C59D

 B3C5B1

 C5C5C5

 D7C5D8

Harmonies

Analogous

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



A5B500



34C527



00CD81

Triad

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



34C527



00C0FF



FF4B83

Complementary

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



34C527



B827C5

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.



FF52D5



34C527



2AA6FF

Square

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



34C527



00CCFF



E47EFF



FF7234

Rectangle

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



34C527



00CFBB



E47EFF



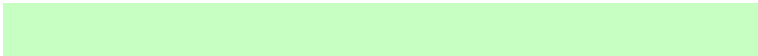
FF469E

Sweetspot

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



34C527



C7FFC2



C5B827



5E805B



000000



808080

Same Dimension

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



34C527



1EFF0A



27C569



5A635A



0DA300



032400

Inverse Universe

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



B827C5



EB0AFF



C52783



635A63



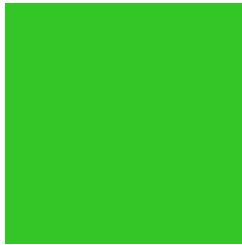
9600A3



210024

Previews

White Background



This preview shows how the Hex color 34C527 looks on a white background.

Color Contrast Check

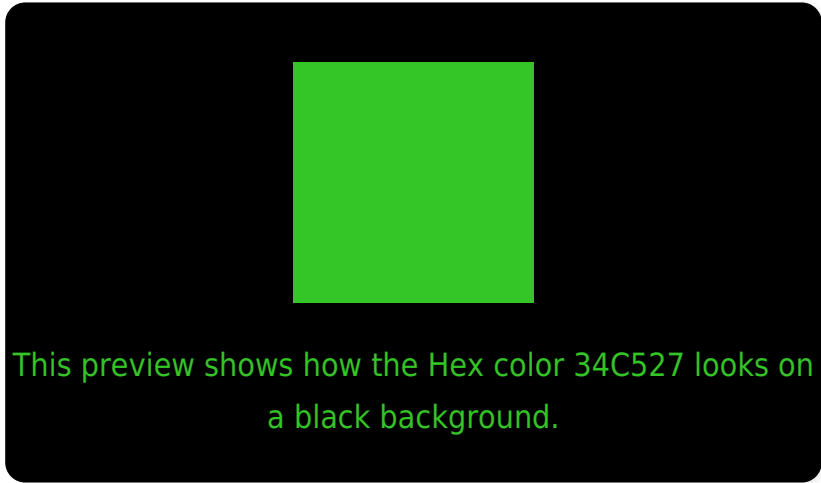
Large Text (above 18pt) WCAG AA × Fail

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 34C527 Background



This preview shows how black text looks on a background with the Hex color 34C527.



This preview shows how white text looks on a background with the Hex color 34C527.

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](#).

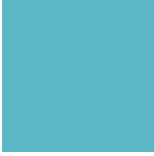
Dichromacy



Original Color
34C527

Protanopia
BFAA20

Deuteranopia
D4A138



Tritanopia
5EB7C6

Trichromacy



Original Color
34C527



Protanomaly
8CB423



Deuteranomaly
9AAE32



Tritanomaly
4FBC8C

Monochromacy



Original Color
34C527



Achromatopsia
888888



Achromatomaly
699E65

CSS Examples

Text

The CSS property to change the color of the text to Hex 34C527 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 #34C527 looks like.

```
.text, #text, p{  
    color:#34C527  
}
```

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 #34C527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34C527
}
```

Border

The CSS property to change the border of an element to Hex 34C527 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
#34C527 }
```

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

```
.border{ border-color:#34C527 }
```

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

Here you see how a box with a 4 pixel #34C527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34C527; -webkit-box-shadow:4px 4px  
4px 4px #34C527; box-shadow:4px 4px 4px  
4px #34C527 }
```

Background

The CSS property to change the background color of an element to Hex 34C527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34C527 }
```

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

```
.background{ background-color:#34C527 }
```

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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