

Converting Colors

Hex(35D254)

Have a look what the booklet for
Hex(35D254) contains.

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Color

Hex(35D254)

Conversions

Conversions Part 1

Format	Color
Hex	35D254
RGB	53, 210, 84
RGB Percent	21%, 82%, 33%
CMY	0.7922, 0.1765, 0.6706
CMYK	0.75, 0.00, 0.60, 0.18
HSL	132°, 64%, 52%
HSV	132°, 75%, 82%
XYZ	26.1150, 47.4902, 16.1776
YIQ	148.6930, -53.1260, -72.4700

Conversions

Conversions Part 2

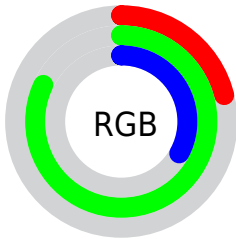
Format	Color
RYB	53, 184, 210
Decimal	3527252
CIELab	74.50, -65.04, 50.11
CIELCh	75, 82.107, 142.389
Yxy	47.4902, 0.2909, 0.5289
Android (android.graphics.Color)	4281717332 (0xFF35D254)
YUV	148.6930, -31.8936, -83.9228
Hunter-Lab	68.9131, -52.9543, 34.3206

Details

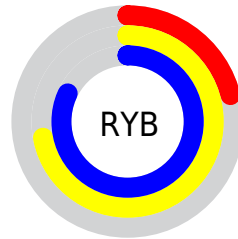
The Hex color **35D254** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D235B3**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **7BFF89**, and **009A1D** is the 20% darker color. If you saturate the color by 10%, you get **20D243**, and if you desaturate by 10%, it is **4AD265**.

Distribution



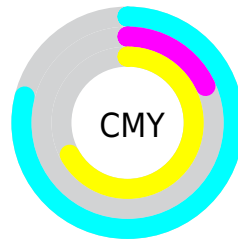
- Red (21%)
- Green (82%)
- Blue (33%)



- Red (21%)
- Yellow (72%)
- Blue (82%)



- Cyan (75%)
- Magenta (0%)
- Yellow (60%)
- Black (18%)



- Cyan (79%)
- Magenta (18%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35D254 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 35D254 by changing the saturation by 10% instead.

 35D254

 35D254

FFFFFF

 00B63A

 7BFF89

 009A1D

 9AFFA5

 007F00

 B8FFC1

 006500

 D7FFDD

 004B00

 F6FFFA

 003400

 001800

 000000

 35D254

 35D254

 20D243

 4AD265

 0BD232

 5FD276

 00D229

 74D287

 89D297

 9ED2A8

 B3D2B9

 C8D2CA

 DDD2DB

 F2D2EC

Harmonies

Analogous

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



A4C400



35D254



00D9A1

Triad

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



35D254



00C6FF



FF6E83

Complementary

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



35D254



D235B3

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.



FF6ACE



35D254



8DACFF

Square

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



35D254



00D5FF



FF88FF



FF8D3E

Rectangle

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



35D254



00DAD6



FF88FF



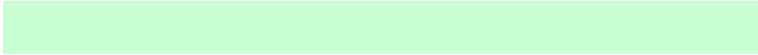
FF689B

Sweetspot

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



35D254



C7FFD2



B5D235



5E8065



000000



808080

Same Dimension

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



35D254



19FF47



35D2A0



5E6960



00A821



002908

Inverse Universe

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



D235B3



FF19D2



D23567



695E66



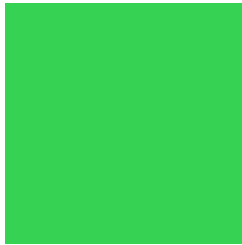
A80087



290021

Previews

White Background



This preview shows how the Hex color 35D254 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



This preview shows how the Hex color 35D254 looks on a 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 35D254 Background



This preview shows how black text looks on a background with the Hex color 35D254.

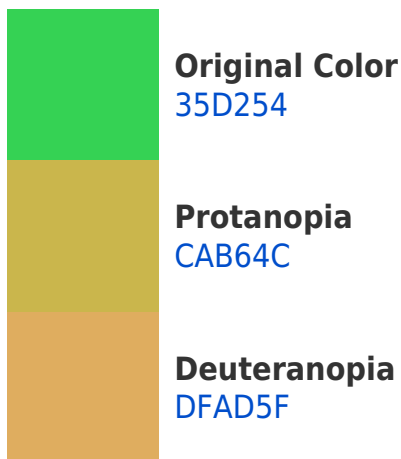


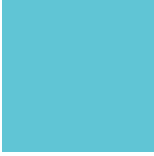
This preview shows how white text looks on a background with the Hex color 35D254.

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
60C5D5

Trichromacy



Original Color

35D254



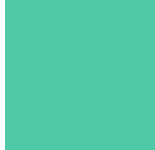
Protanomaly

94C04F



Deuteranomaly

A1BA5B



Tritanomaly

50CAA6

Monochromacy



Original Color

35D254



Achromatopsia

959595



Achromatomaly

72AB7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 35D254 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 #35D254 looks like.

```
.text, #text, p{  
    color:#35D254  
}
```

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 #35D254 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35D254
}
```

Border

The CSS property to change the border of an element to Hex 35D254 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
#35D254 }
```

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

```
.border{ border-color:#35D254 }
```

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

Here you see how a box with a 4 pixel #35D254 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35D254; -webkit-box-shadow:4px 4px  
4px 4px #35D254; box-shadow:4px 4px 4px  
4px #35D254 }
```

Background

The CSS property to change the background color of an element to Hex 35D254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35D254 }
```

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

```
.background{ background-color:#35D254 }
```

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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