

Converting Colors

Hex(3DE356)

Have a look what the booklet for
Hex(3DE356) contains.

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Color

Hex(3DE356)

Conversions

Conversions Part 1

Format	Color
Hex	3DE356
RGB	61, 227, 86
RGB Percent	24%, 89%, 34%
CMY	0.7608, 0.1098, 0.6627
CMYK	0.73, 0.00, 0.62, 0.11
HSL	129°, 75%, 56%
HSV	129°, 73%, 89%
XYZ	31.0733, 56.6022, 18.0917
YIQ	161.2920, -53.6750, -79.0430

Conversions

Conversions Part 2

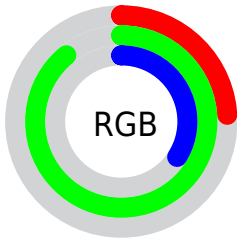
Format	Color
RYB	61, 205, 227
Decimal	4055894
CIELab	79.96, -69.16, 55.49
CIELCh	80, 88.665, 141.258
Yxy	56.6022, 0.2938, 0.5352
Android (android.graphics.Color)	4282245974 (0xFF3DE356)
YUV	161.2920, -37.1190, -87.9561
Hunter-Lab	75.2344, -57.9362, 38.4066

Details

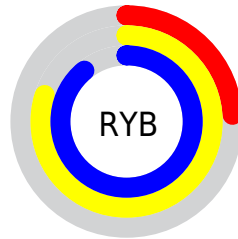
The Hex color **3DE356** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E33DCA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **83FF8C**, and **00AA1C** is the 20% darker color. If you saturate the color by 10%, you get **26E343**, and if you desaturate by 10%, it is **54E369**.

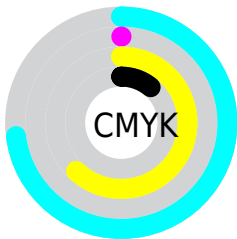
Distribution



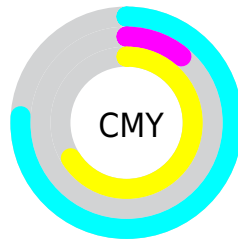
- Red (24%)
- Green (89%)
- Blue (34%)



- Red (24%)
- Yellow (80%)
- Blue (89%)



- Cyan (73%)
- Magenta (0%)
- Yellow (62%)
- Black (11%)



- Cyan (76%)
- Magenta (11%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DE356 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 3DE356 by changing the saturation by 10% instead.

 3DE356

 3DE356

FFFFFF

 00C63B

 83FF8C

 00AA1C

 A3FFA8

 008E00

 C2FFC4

 007400

 E1FFE1

 005900

FFFFFFE

 004000

 002800

 000000

 3DE356

 3DE356

 26E343

 54E369

 10E32F

 6AE37D

 00E322

 81E390

 98E3A3

 AFE3B6

 C5E3CA

 DCE3DD

 F3E3F0

 FFE3FF

Harmonies

Analogous

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



B4D400



3DE356



00EAAA

Triad

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



3DE356



00D7FF



FF7490

Complementary

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



3DE356



E33DCA

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.



FF71E2



3DE356



8FBBFF

Square

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



3DE356



00E7FF



FF93FF



FF9643

Rectangle

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



3DE356



00ECE4



FF93FF



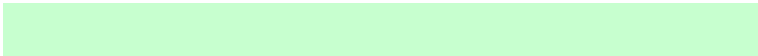
FF6EAB

Sweetspot

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



3DE356



C7FFCF



CAE33D



5E8063



000000



808080

Same Dimension

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



3DE356



1FFF40



3DE3A9



677369



00B31B



003308

Inverse Universe

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



E33DCA



FF1FDD



E33D77



736771



B30098



33002B

Previews

White Background



This preview shows how the Hex color 3DE356 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 3DE356 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 3DE356 Background



This preview shows how black text looks on a background with the Hex color 3DE356.

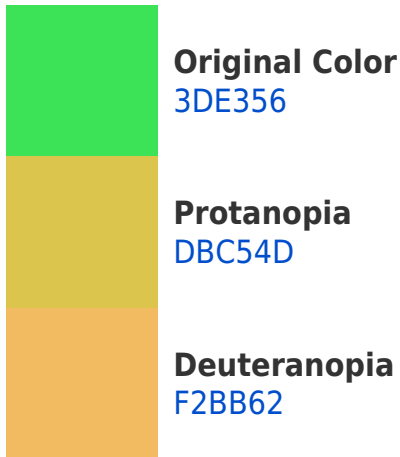


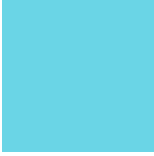
This preview shows how white text looks on a background with the Hex color 3DE356.

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](#).

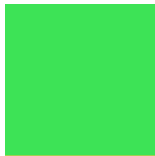
Dichromacy





Tritanopia
6AD5E6

Trichromacy



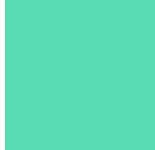
Original Color
3DE356



Protanomaly
A2D050



Deuteranomaly
B0CA5E



Tritanomaly
5ADAB2

Monochromacy



Original Color
3DE356



Achromatopsia
A1A1A1



Achromatomaly
7DB986

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DE356 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 #3DE356 looks like.

```
.text, #text, p{  
    color:#3DE356  
}
```

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 #3DE356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DE356
}
```

Border

The CSS property to change the border of an element to Hex 3DE356 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
#3DE356 }
```

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

```
.border{ border-color:#3DE356 }
```

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

Here you see how a box with a 4 pixel #3DE356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DE356; -webkit-box-shadow:4px 4px  
4px 4px #3DE356; box-shadow:4px 4px 4px  
4px #3DE356 }
```

Background

The CSS property to change the background color of an element to Hex 3DE356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DE356 }
```

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

```
.background{ background-color:#3DE356 }
```

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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