

Converting Colors

Hex(6DE03D)

Have a look what the booklet for
Hex(6DE03D) contains.

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Color

Hex(6DE03D)

Conversions

Conversions Part 1

Format	Color
Hex	6DE03D
RGB	109, 224, 61
RGB Percent	43%, 88%, 24%
CMY	0.5725, 0.1216, 0.7608
CMYK	0.51, 0.00, 0.73, 0.12
HSL	102°, 72%, 56%
HSV	102°, 73%, 88%
XYZ	33.8046, 56.8994, 13.6159
YIQ	171.0330, -16.2170, -75.0730

Conversions

Conversions Part 2

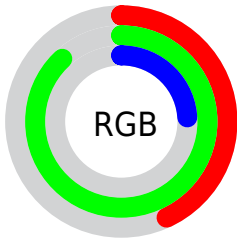
Format	Color
RYB	61, 224, 176
Decimal	7200829
CIELab	80.12, -60.07, 65.72
CIElCh	80, 89.032, 132.429
Yxy	56.8994, 0.3240, 0.5454
Android (android.graphics.Color)	4285390909 (0xFF6DE03D)
YUV	171.0330, -54.2463, -54.4029
Hunter-Lab	75.4317, -52.0109, 42.1000

Details

The Hex color **6DE03D** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **B03DE0**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A9FF76**, and **28A800** is the 20% darker color. If you saturate the color by 10%, you get **5DE027**, and if you desaturate by 10%, it is **7DE053**.

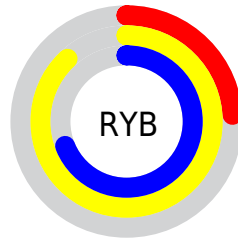
Distribution



Red (43%)

Green (88%)

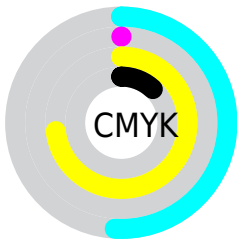
Blue (24%)



Red (24%)

Yellow (88%)

Blue (69%)

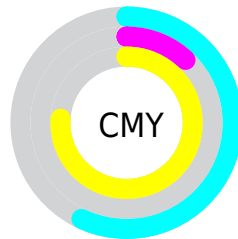


Cyan (51%)

Magenta (0%)

Yellow (73%)

Black (12%)



Cyan (57%)

Magenta (12%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE03D 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 6DE03D by changing the saturation by 10% instead.

 6DE03D

 6DE03D

FFFFFF

 4DC41B

 A9FF76

 28A800

 C7FF92

 008C00

 E6FFAF

 007200

 FFFF00

 005800

 FFFF00

 003F00

 002800

 000100

 000000

 6DE03D

 6DE03D

 5DE027

 7DE053

 4DE010

 8DE06A

 42E000

 9CE080

 ACE097

 BCE0AD

 CCE0C3

 DCE0DA

 EBE0F0

 FBE0FF

Harmonies

Analogous

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



CDCE00



6DE03D



00EA91

Triad

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



6DE03D



00DEFF



FF6EA8

Complementary

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



6DE03D



B03DE0

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.



FF79FB



6DE03D



37C5FF

Square

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



6DE03D



00EAFF



F5A0FF



FF8B59

Rectangle

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



6DE03D



00ECCB



F5A0FF



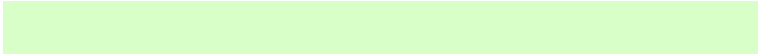
FF6DC4

Sweetspot

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



6DE03D



D7FFC7



E0AF3D



68805E



000000



808080

Same Dimension

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



6DE03D



62FF21



3DE05E



687065



34B000



0E3000

Inverse Universe

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



B03DE0



BE21FF



E03DBF



6D6570



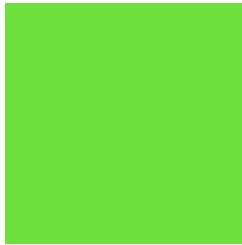
7C00B0



220030

Previews

White Background



This preview shows how the Hex color 6DE03D 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 6DE03D 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 6DE03D Background



This preview shows how black text looks on a background with the Hex color 6DE03D.

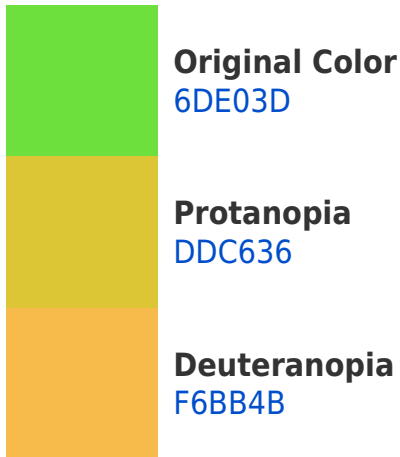


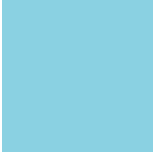
This preview shows how white text looks on a background with the Hex color 6DE03D.

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
8AD1E2

Trichromacy



Original Color
6DE03D



Protanomaly
B4CF39



Deuteranomaly
C4C846



Tritanomaly
7FD6A6

Monochromacy



Original Color
6DE03D



Achromatopsia
ABABAB



Achromatomaly
94BE83

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE03D 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 #6DE03D looks like.

```
.text, #text, p{  
    color:#6DE03D  
}
```

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 #6DE03D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE03D
}
```

Border

The CSS property to change the border of an element to Hex 6DE03D 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
#6DE03D }
```

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

```
.border{ border-color:#6DE03D }
```

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

Here you see how a box with a 4 pixel #6DE03D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE03D; -webkit-box-shadow:4px 4px  
4px 4px #6DE03D; box-shadow:4px 4px 4px  
4px #6DE03D }
```

Background

The CSS property to change the background color of an element to Hex 6DE03D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE03D }
```

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

```
.background{ background-color:#6DE03D }
```

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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