

Converting Colors

Hex(6DE052)

Have a look what the booklet for
Hex(6DE052) contains.

Hex(6DE052)	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(6DE052)

Conversions

Conversions Part 1

Format	Color
Hex	6DE052
RGB	109, 224, 82
RGB Percent	43%, 88%, 32%
CMY	0.5725, 0.1216, 0.6784
CMYK	0.51, 0.00, 0.63, 0.12
HSL	109°, 70%, 60%
HSV	109°, 63%, 88%
XYZ	34.4853, 57.1717, 17.2003
YIQ	173.4270, -22.9580, -68.5420

Conversions

Conversions Part 2

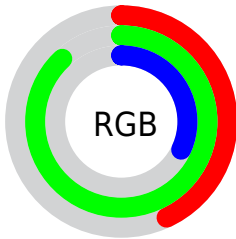
Format	Color
RYB	82, 224, 197
Decimal	7200850
CIELab	80.28, -58.37, 57.88
CIELCh	80, 82.197, 135.241
Yxy	57.1717, 0.3168, 0.5252
Android (android.graphics.Color)	4285390930 (0xFF6DE052)
YUV	173.4270, -45.0735, -56.5025
Hunter-Lab	75.6120, -50.9102, 39.4410

Details

The Hex color **6DE052** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **C552E0**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A9FF89**, and **2AA816** is the 20% darker color. If you saturate the color by 10%, you get **5BE03C**, and if you desaturate by 10%, it is **7FE068**.

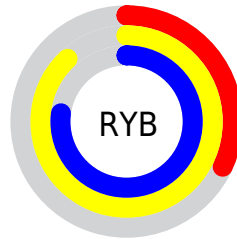
Distribution



Red (43%)

Green (88%)

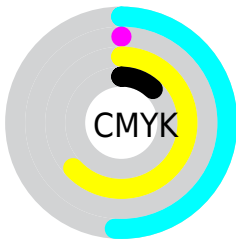
Blue (32%)



Red (32%)

Yellow (88%)

Blue (77%)

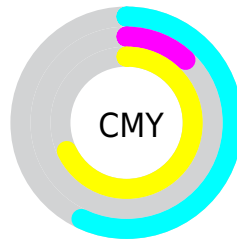


Cyan (51%)

Magenta (0%)

Yellow (63%)

Black (12%)



Cyan (57%)

Magenta (12%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DE052 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 6DE052 by changing the saturation by 10% instead.

 6DE052

 6DE052

FFFFFF

 4EC436

 A9FF89

 2AA816

 C6FFA4

 008D00

 E4FFC1

 007200

 FFFFDD

 005800

 FFFFFB

 004000

 002900

 000200

 000000

 6DE052

 6DE052

 5BE03C

 7FE068

 49E025

 91E07F

 37E00F

 A3E095

 2BE000

 B6E0AC

 C8E0C2

 DAE0D8

 ECE0EF

 FEE0FF

 FFE0FF

Harmonies

Analogous

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



C8D009



6DE052



00E99D

Triad

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



6DE052



00DBFF



FF7BA3

Complementary

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



6DE052



C552E0

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.



FF81F0



6DE052



73C3FF

Square

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



6DE052



00E7FF



FCA1FF



FF955C

Rectangle

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



6DE052



00EBD3



FCA1FF



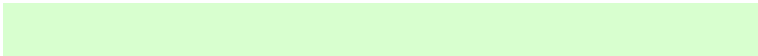
FF79BD

Sweetspot

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



6DE052



D8FFCF



E0C452



688062



000000



808080

Same Dimension

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



6DE052



62FF3D



52E07D



677065



21B000



093000

Inverse Universe

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



C552E0



DA3DFF



E052B5



6E6570



8E00B0



270030

Previews

White Background



This preview shows how the Hex color 6DE052 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 6DE052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

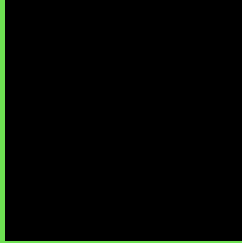
Any Text WCAG AA ✓ Pass

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 6DE052 Background



This preview shows how black text looks on a background with the Hex color 6DE052.

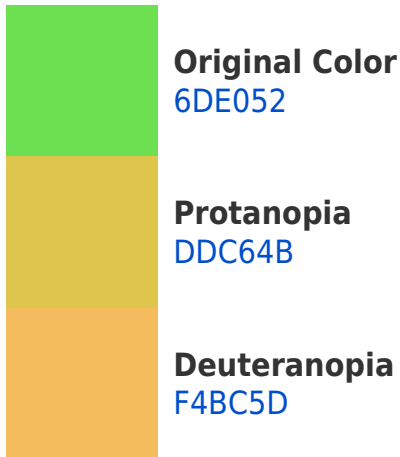


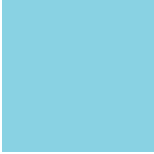
This preview shows how white text looks on a background with the Hex color 6DE052.

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
89D2E3

Trichromacy



Original Color
6DE052



Protanomaly
B4CF4E



Deuteranomaly
C3C959



Tritanomaly
7FD7AE

Monochromacy



Original Color
6DE052



Achromatopsia
ADADAD



Achromatomaly
96C08C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DE052 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 #6DE052 looks like.

```
.text, #text, p{  
    color:#6DE052  
}
```

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 #6DE052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DE052
}
```

Border

The CSS property to change the border of an element to Hex 6DE052 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
#6DE052 }
```

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

```
.border{ border-color:#6DE052 }
```

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

Here you see how a box with a 4 pixel #6DE052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DE052; -webkit-box-shadow:4px 4px  
4px 4px #6DE052; box-shadow:4px 4px 4px  
4px #6DE052 }
```

Background

The CSS property to change the background color of an element to Hex 6DE052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DE052 }
```

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

```
.background{ background-color:#6DE052 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor