

Converting Colors

Hex(66DE59)

Have a look what the booklet for
Hex(66DE59) contains.

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Color

Hex(66DE59)

Conversions

Conversions Part 1

Format	Color
Hex	66DE59
RGB	102, 222, 89
RGB Percent	40%, 87%, 35%
CMY	0.6000, 0.1294, 0.6510
CMYK	0.54, 0.00, 0.60, 0.13
HSL	114°, 67%, 61%
HSV	114°, 60%, 87%
XYZ	33.4039, 55.7886, 18.4589
YIQ	170.9580, -28.8270, -66.8030

Conversions

Conversions Part 2

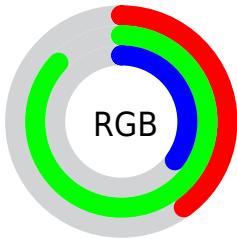
Format	Color
RYB	89, 222, 209
Decimal	6741593
CIELab	79.49, -58.76, 53.95
CIELCh	79, 79.772, 137.442
Yxy	55.7886, 0.3103, 0.5182
Android (android.graphics.Color)	4284931673 (0xFF66DE59)
YUV	170.9580, -40.4053, -60.4762
Hunter-Lab	74.6918, -50.8811, 37.6316

Details

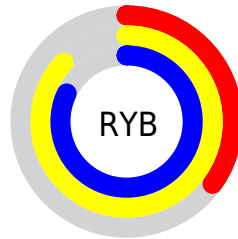
The Hex color **66DE59** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **D159DE**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **A2FF8F**, and **1FA621** is the 20% darker color. If you saturate the color by 10%, you get **52DE43**, and if you desaturate by 10%, it is **7ADE6F**.

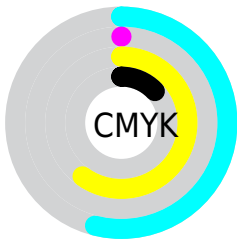
Distribution



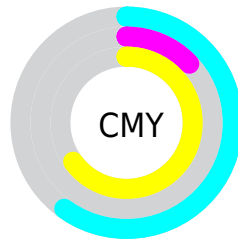
- Red (40%)
- Green (87%)
- Blue (35%)



- Red (35%)
- Yellow (87%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (60%)
- Black (13%)



- Cyan (60%)
- Magenta (13%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66DE59 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 66DE59 by changing the saturation by 10% instead.

 66DE59

 66DE59

FFFFFF

 46C23E

 A2FF8F

 1FA621

 C0FFAB

 008B00

 DEFFC7

 007000

 FCFFE4

 005600

 003E00

 002700

 000000

 66DE59

 66DE59

 52DE43

 7ADE6F

 3EDE2D

 8EDE85

 2ADE16

 A2DE9C

 16DE00

 B6DEB2

 CADEC8

 DEDEDE

 F2DEF4

 FFDEFF

Harmonies

Analogous

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



C1CF1B



66DE59



00E6A2

Triad

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



66DE59



00D6FF



FF7E9D

Complementary

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



66DE59



D159DE

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.



FF80E7



66DE59



84BEFF

Square

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



66DE59



00E4FF



FF9DFF



FF9759

Rectangle

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



66DE59



00E8D6



FF9DFF



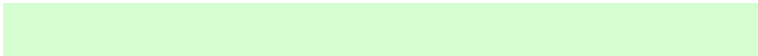
FF7BB5

Sweetspot

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



66DE59



D6FFD1



DED159



668063



000000



808080

Same Dimension

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



66DE59



59FF47



59DE8E



667065



11B000



053000

Inverse Universe

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



D159DE



ED47FF



DE59A9



6F6570



9F00B0



2C0030

Previews

White Background



This preview shows how the Hex color 66DE59 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 66DE59 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

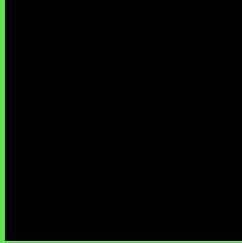
Any Text WCAG AA ✓ Pass

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 66DE59 Background



This preview shows how black text looks on a background with the Hex color 66DE59.

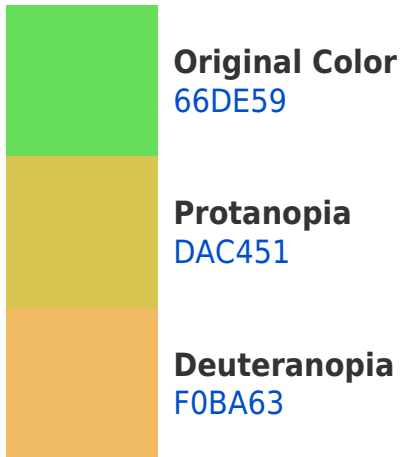


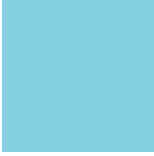
This preview shows how white text looks on a background with the Hex color 66DE59.

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
83D0E1

Trichromacy



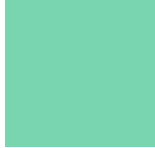
Original Color
66DE59



Protanomaly
B0CD54



Deuteranomaly
BEC75F



Tritanomaly
78D5B0

Monochromacy



Original Color
66DE59



Achromatopsia
ABABAB



Achromatomaly
92BE8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 66DE59 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 #66DE59 looks like.

```
.text, #text, p{  
    color:#66DE59  
}
```

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 #66DE59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66DE59
}
```

Border

The CSS property to change the border of an element to Hex 66DE59 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
#66DE59 }
```

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

```
.border{ border-color:#66DE59 }
```

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

Here you see how a box with a 4 pixel #66DE59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66DE59; -webkit-box-shadow:4px 4px  
4px 4px #66DE59; box-shadow:4px 4px 4px  
4px #66DE59 }
```

Background

The CSS property to change the background color of an element to Hex 66DE59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66DE59 }
```

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

```
.background{ background-color:#66DE59 }
```

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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