

Converting Colors

Hex(65E659)

Have a look what the booklet for
Hex(65E659) contains.

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Color

Hex(65E659)

Conversions

Conversions Part 1

Format	Color
Hex	65E659
RGB	101, 230, 89
RGB Percent	40%, 90%, 35%
CMY	0.6039, 0.0980, 0.6510
CMYK	0.56, 0.00, 0.61, 0.10
HSL	115°, 74%, 63%
HSV	115°, 61%, 90%
XYZ	35.4668, 60.0816, 19.1788
YIQ	175.3550, -31.6230, -71.1990

Conversions

Conversions Part 2

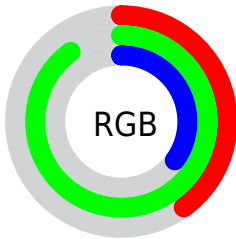
Format	Color
RYB	89, 230, 218
Decimal	6678105
CIELab	81.88, -61.94, 56.65
CIELCh	82, 83.939, 137.553
Yxy	60.0816, 0.3091, 0.5237
Android (android.graphics.Color)	4284868185 (0xFF65E659)
YUV	175.3550, -42.5730, -65.2093
Hunter-Lab	77.5123, -53.9715, 39.5885

Details

The Hex color **65E659** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **DA59E6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A2FF8F**, and **17AD20** is the 20% darker color. If you saturate the color by 10%, you get **50E642**, and if you desaturate by 10%, it is **7AE670**.

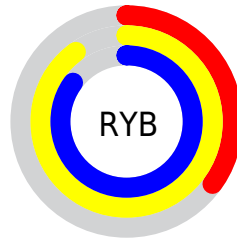
Distribution



Red (40%)

Green (90%)

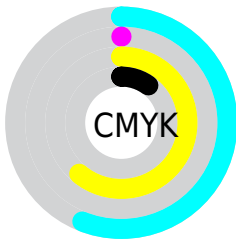
Blue (35%)



Red (35%)

Yellow (90%)

Blue (85%)

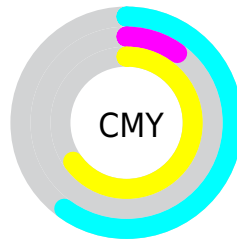


Cyan (56%)

Magenta (0%)

Yellow (61%)

Black (10%)



Cyan (60%)

Magenta (10%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65E659 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 65E659 by changing the saturation by 10% instead.

 65E659

 65E659

FFFFFF

 44C93E

 A2FF8F

 17AD20

 C0FFAB


 009200

 DEFFC8

 007700

 FDFFE5

 005D00

 004400

 002D00

 000D00

 000000

 65E659

 65E659

 50E642

 7AE670

 3BE62B

 8FE687

 26E614

 A4E69E

 14E600

 B9E6B5

 CEE6CC

 E3E6E3

 F8E6FA

 FFE6FF

Harmonies

Analogous

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



C6D60E



65E659



00EEA7

Triad

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



65E659



00DEFF



FF7FA1

Complementary

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



65E659



DA59E6

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.



FF82F0



65E659



85C4FF

Square

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



65E659



00ECFF



FFA1FF



FF9B59

Rectangle

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



65E659



00F0DE



FFA1FF



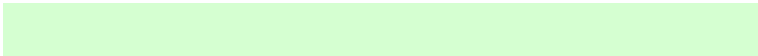
FF7BBB

Sweetspot

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



65E659



D5FFD1



E6D859



668063



000000



808080

Same Dimension

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



65E659



52FF42



59E691



687367



0FB300



043300

Inverse Universe

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



DA59E6



EF42FF



E659AE



726773



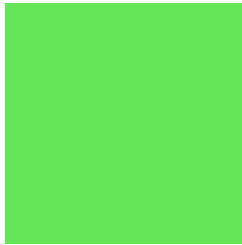
A300B3



2F0033

Previews

White Background



This preview shows how the Hex color 65E659 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 65E659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

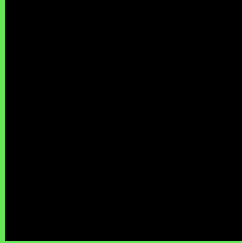
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

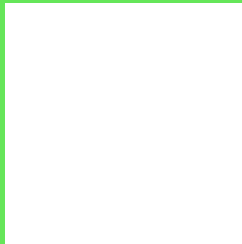
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 65E659 Background



This preview shows how black text looks on a background with the Hex color 65E659.

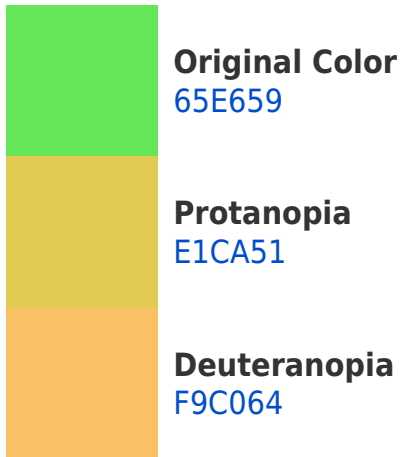


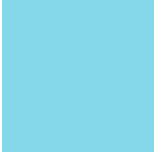
This preview shows how white text looks on a background with the Hex color 65E659.

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
84D8E9

Trichromacy



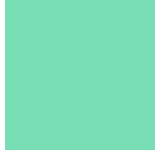
Original Color
65E659



Protanomaly
B4D454



Deuteranomaly
C3CE60

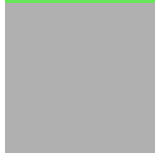


Tritanomaly
79DDB5

Monochromacy



Original Color
65E659



Achromatopsia
AFAFAF



Achromatomaly
94C390

CSS Examples

Text

The CSS property to change the color of the text to Hex 65E659 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 #65E659 looks like.

```
.text, #text, p{  
    color:#65E659  
}
```

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 #65E659 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65E659
}
```

Border

The CSS property to change the border of an element to Hex 65E659 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
#65E659 }
```

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

```
.border{ border-color:#65E659 }
```

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

Here you see how a box with a 4 pixel #65E659 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65E659; -webkit-box-shadow:4px 4px  
4px 4px #65E659; box-shadow:4px 4px 4px  
4px #65E659 }
```

Background

The CSS property to change the background color of an element to Hex 65E659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65E659 }
```

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

```
.background{ background-color:#65E659 }
```

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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