

Converting Colors

Hex(65D95E)

Have a look what the booklet for
Hex(65D95E) contains.

Hex(65D95E)	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(65D95E)

Conversions

Conversions Part 1

Format	Color
Hex	65D95E
RGB	101, 217, 94
RGB Percent	40%, 85%, 37%
CMY	0.6039, 0.1490, 0.6314
CMYK	0.53, 0.00, 0.57, 0.15
HSL	117°, 62%, 61%
HSV	117°, 57%, 85%
XYZ	32.2001, 53.2006, 19.1613
YIQ	168.2940, -29.6530, -62.8450

Conversions

Conversions Part 2

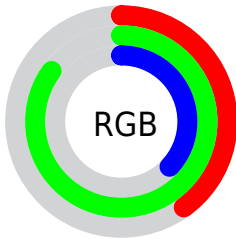
Format	Color
RYB	94, 217, 210
Decimal	6674782
CIELab	77.99, -56.58, 49.98
CIELCh	78, 75.497, 138.547
Yxy	53.2006, 0.3080, 0.5088
Android (android.graphics.Color)	4284864862 (0xFF65D95E)
YUV	168.2940, -36.6269, -59.0168
Hunter-Lab	72.9387, -48.8408, 35.4814

Details

The Hex color **65D95E** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **D25ED9**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A0FF94**, and **20A129** is the 20% darker color. If you saturate the color by 10%, you get **51D948**, and if you desaturate by 10%, it is **79D974**.

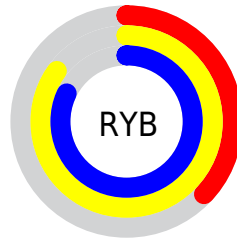
Distribution



Red (40%)

Green (85%)

Blue (37%)



Red (37%)

Yellow (85%)

Blue (82%)

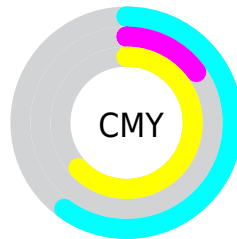


Cyan (53%)

Magenta (0%)

Yellow (57%)

Black (15%)



Cyan (60%)

Magenta (15%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65D95E 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 65D95E by changing the saturation by 10% instead.

 65D95E

 65D95E

FFFFFF

 46BD44

 A0FF94

 20A129

 BEFFAF

 008606

 DCFFCB

 006C00

 FAFFE8

 005200

 003A00

 002300

 000000

 65D95E

 65D95E

 51D948

 79D974

 3CD933

 8ED989

 28D91D

 A2D99F

 13D907

 B7D9B5

 0CD900

 CBD9CB

 E0D9E0

 F4D9F6

 FFD9FF

Harmonies

Analogous

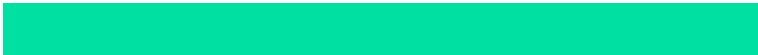
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BBCB28



65D95E



00E0A3

Triad

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



65D95E



00D1FF



FF8098

Complementary

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



65D95E



D25ED9

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.



FF81DF



65D95E



8DB9FF

Square

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



65D95E



00DEFF



FB9BFF



FF9759

Rectangle

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



65D95E



00E2D4



FB9BFF



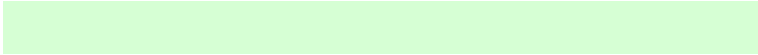
FF7DB0

Sweetspot

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



65D95E



D6FFD4



D9D15E



678066



000000



808080

Same Dimension

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



65D95E



5BFF52



5ED993



636E63



0AAD00



032E00

Inverse Universe

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



D25ED9



F552FF



D95EA4



6D636E



A400AD



2B002E

Previews

White Background



This preview shows how the Hex color 65D95E 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 65D95E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

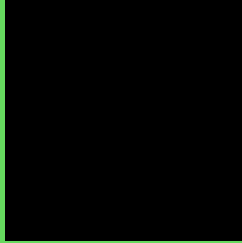
Any Text WCAG AA ✓ Pass

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 65D95E Background



This preview shows how black text looks on a background with the Hex color 65D95E.

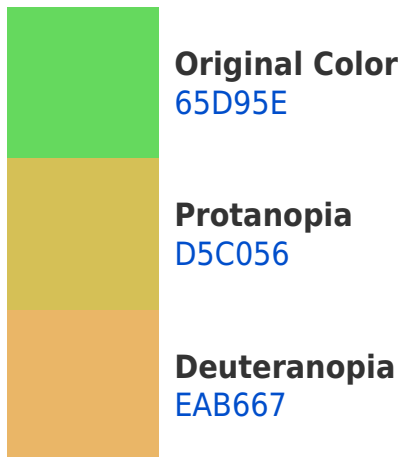


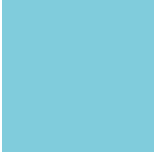
This preview shows how white text looks on a background with the Hex color 65D95E.

Color Blindness Simulation

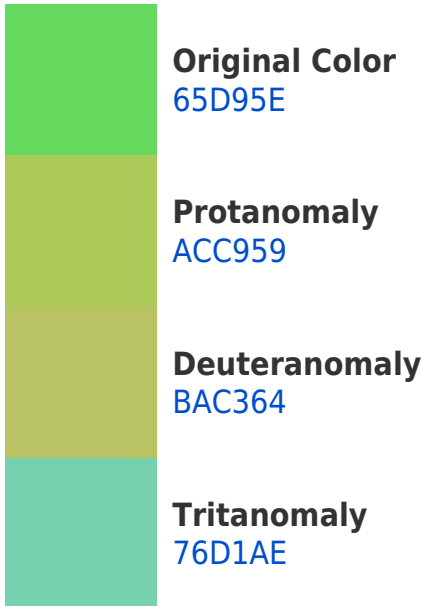
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

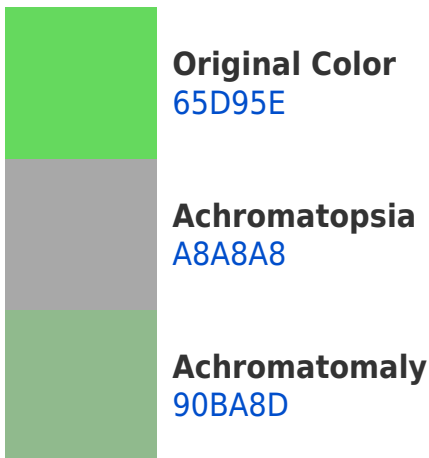




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 65D95E 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 #65D95E looks like.

```
.text, #text, p{  
    color:#65D95E  
}
```

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 #65D95E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65D95E
}
```

Border

The CSS property to change the border of an element to Hex 65D95E 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
#65D95E }
```

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

```
.border{ border-color:#65D95E }
```

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

Here you see how a box with a 4 pixel #65D95E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65D95E; -webkit-box-shadow:4px 4px  
4px 4px #65D95E; box-shadow:4px 4px 4px  
4px #65D95E }
```

Background

The CSS property to change the background color of an element to Hex 65D95E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65D95E }
```

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

```
.background{ background-color:#65D95E }
```

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