

Converting Colors

Hex(61DE65)

Have a look what the booklet for
Hex(61DE65) contains.

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Color

Hex(61DE65)

Conversions

Conversions Part 1

Format	Color
Hex	61DE65
RGB	97, 222, 101
RGB Percent	38%, 87%, 40%
CMY	0.6196, 0.1294, 0.6039
CMYK	0.56, 0.00, 0.55, 0.13
HSL	122°, 65%, 63%
HSV	122°, 56%, 87%
XYZ	33.4000, 55.7235, 21.3073
YIQ	170.8310, -35.6590, -64.1310

Conversions

Conversions Part 2

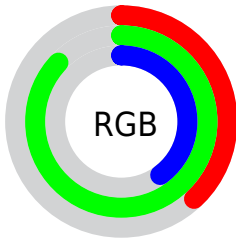
Format	Color
RYB	97, 218, 222
Decimal	6413925
CIELab	79.46, -58.61, 48.47
CIELCh	79, 76.055, 140.414
Yxy	55.7235, 0.3025, 0.5046
Android (android.graphics.Color)	4284604005 (0xFF61DE65)
YUV	170.8310, -34.4267, -64.7498
Hunter-Lab	74.6482, -50.7677, 35.3302

Details

The Hex color **61DE65** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **DE61DA**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **9DFF9B**, and **14A631** is the 20% darker color. If you saturate the color by 10%, you get **4BDE50**, and if you desaturate by 10%, it is **77DE7A**.

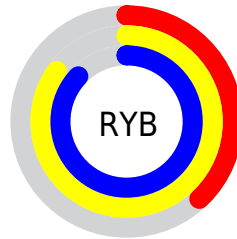
Distribution



Red (38%)

Green (87%)

Blue (40%)



Red (38%)

Yellow (85%)

Blue (87%)

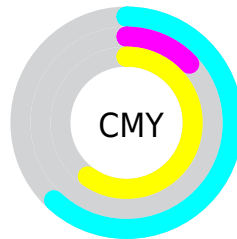


Cyan (56%)

Magenta (0%)

Yellow (55%)

Black (13%)



Cyan (62%)

Magenta (13%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61DE65 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 61DE65 by changing the saturation by 10% instead.

 61DE65

 61DE65

FFFFFF

 40C24B

 9DFF9B

 14A631

 BBFFB6

 008B13

 D9FFD3

 007000

 F7FFE0

 005600

 003E00

 002600

 000000

 61DE65

 61DE65

 4BDE50

 77DE7A

 35DE3A

 8DDE90

 1EDE25

 A4DEA5

 08DE0F

 BADEBB

 00DE07

 D0DED0

 E6DEE6

 FCDEFB

 FFDEFF

Harmonies

Analogous

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



BAD02E



61DE65



00E5AB

Triad

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



61DE65



00D4FF



FF8498

Complementary

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



61DE65



DE61DA

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.



FF83DF



61DE65



9ABCFF

Square

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



61DE65



00E1FF



FF9CFF



FF9D58

Rectangle

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



61DE65



00E7DC



FF9CFF



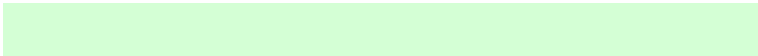
FF80AF

Sweetspot

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



61DE65



D4FFD5



DCDE61



668067



000000



808080

Same Dimension

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



61DE65



52FF57



61DEA2



657065



00B006



003002

Inverse Universe

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



DE61DA



FF52F9



DE619D



706570



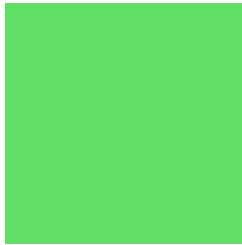
B000AA



30002F

Previews

White Background



This preview shows how the Hex color 61DE65 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 61DE65 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

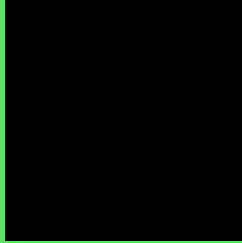
Any Text WCAG AA ✓ Pass

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 61DE65 Background



This preview shows how black text looks on a background with the Hex color 61DE65.

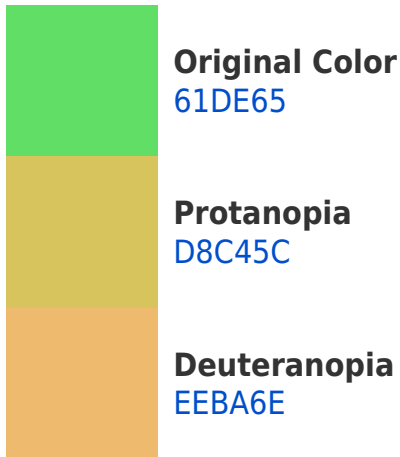


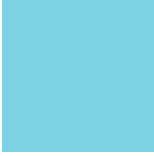
This preview shows how white text looks on a background with the Hex color 61DE65.

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
7ED1E2

Trichromacy



Original Color
61DE65



Protanomaly
ADCD5F



Deuteranomaly
BBC76B



Tritanomaly
73D6B5

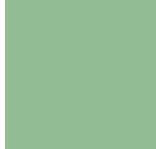
Monochromacy



Original Color
61DE65



Achromatopsia
ABABAB



Achromatomaly
90BE92

CSS Examples

Text

The CSS property to change the color of the text to Hex 61DE65 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 #61DE65 looks like.

```
.text, #text, p{  
    color:#61DE65  
}
```

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 #61DE65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61DE65
}
```

Border

The CSS property to change the border of an element to Hex 61DE65 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
#61DE65 }
```

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

```
.border{ border-color:#61DE65 }
```

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

Here you see how a box with a 4 pixel #61DE65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61DE65; -webkit-box-shadow:4px 4px  
4px 4px #61DE65; box-shadow:4px 4px 4px  
4px #61DE65 }
```

Background

The CSS property to change the background color of an element to Hex 61DE65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61DE65 }
```

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

```
.background{ background-color:#61DE65 }
```

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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