

# Converting Colors

Hex(65DD73)

Have a look what the booklet for  
Hex(65DD73) contains.

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# **Color**

**Hex(65DD73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65DD73
RGB	101, 221, 115
RGB Percent	40%, 87%, 45%
CMY	0.6039, 0.1333, 0.5490
CMYK	0.54, 0.00, 0.48, 0.13
HSL	127°, 64%, 63%
HSV	127°, 54%, 87%
XYZ	34.3178, 55.7174, 25.1655
YIQ	173.0360, -37.4940, -58.4060

# Conversions

## Conversions Part 2

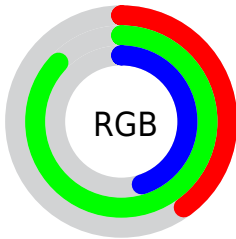
Format	Color
<a href="#">RYB</a>	<a href="#">101, 208, 221</a>
Decimal	<a href="#">6675827</a>
CIELab	<a href="#">79.45, -55.40, 41.84</a>
CIElCh	<a href="#">79, 69.418, 142.939</a>
Yxy	<a href="#">55.7174, 0.2979, 0.4837</a>
Android (android.graphics.Color)	<a href="#">4284865907 (0xFF65DD73)</a>
YUV	<a href="#">173.0360, -28.6117, -63.1756</a>
Hunter-Lab	<a href="#">74.6441, -48.5614, 32.2619</a>

# Details

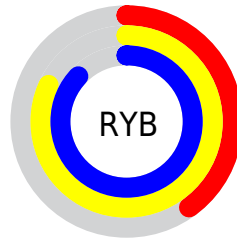
The Hex color **65DD73** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **DD65CF**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **A0FFA9**, and **20A540** is the 20% darker color. If you saturate the color by 10%, you get **4FDD5F**, and if you desaturate by 10%, it is **7BDD87**.

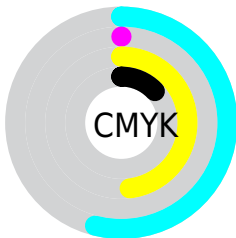
# Distribution



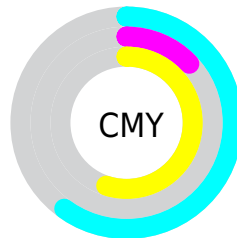
- Red (40%)
- Green (87%)
- Blue (45%)



- Red (40%)
- Yellow (82%)
- Blue (87%)



- Cyan (54%)
- Magenta (0%)
- Yellow (48%)
- Black (13%)



- Cyan (60%)
- Magenta (13%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65DD73 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 65DD73 by changing the saturation by 10% instead.



 65DD73

 65DD73

FFFFFF

 46C159

 A0FFA9

 20A540

 BEFFC4

 008A26

 DBFFE1

 006F09

 F9FFFE

 005600

 003D00

 002600

 000000

 65DD73

 65DD73

 4FDD5F

 7BDD87

 39DD4C

 91DD9A

 23DD38

 A7DDAE

 0DDD25

 BDDDC1

 00DD1A

 D3DDD5

 EADDE8

 FFDDFC

 FFDDFF

# Harmonies

## Analogous

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



B7D044



65DD73



00E3B3

# Triad

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



65DD73



00D1FF



FF8E96

# Complementary

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



65DD73



DD65CF

# 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.



FF8BD7



65DD73



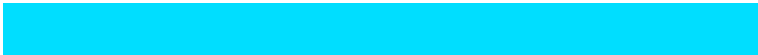
ACBAFF

# Square

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



65DD73



00DEFF



FF9FFF



FFA35E

# Rectangle

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



65DD73



00E4E0



FF9FFF



FF8AAB

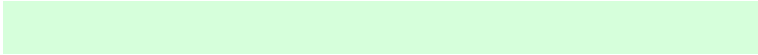


# Sweetspot

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



65DD73



D6FFDB



CFDD65



67806A



000000



808080



# Same Dimension

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



65DD73



59FF6D



65DDAF



636E64



00AD14



002E05



# Inverse Universe

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



DD65CF



FF59EC



DD6593



6E636C



AD0099



2E0029



# Previews

## White Background



This preview shows how the Hex color 65DD73 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 65DD73 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 65DD73 Background



This preview shows how black text looks on a background with the Hex color 65DD73.

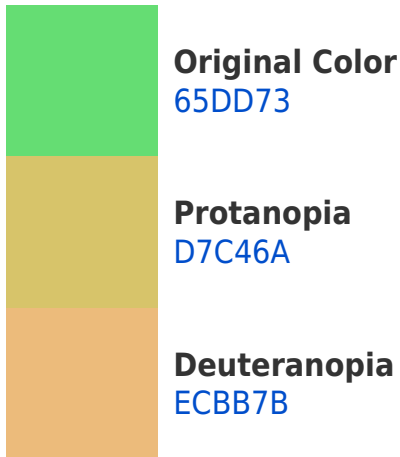


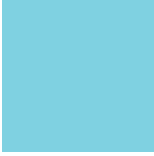
This preview shows how white text looks on a background with the Hex color 65DD73.

# 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](#).

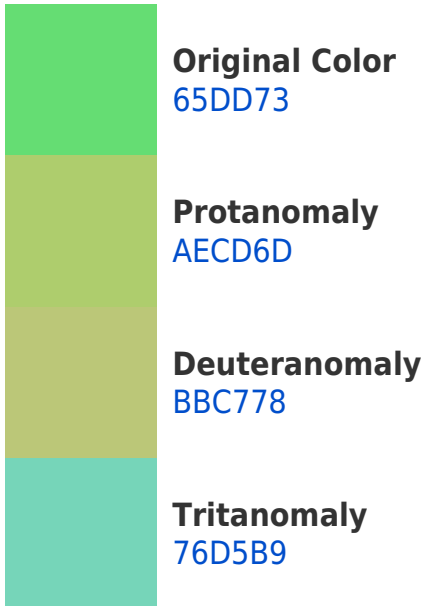
## Dichromacy



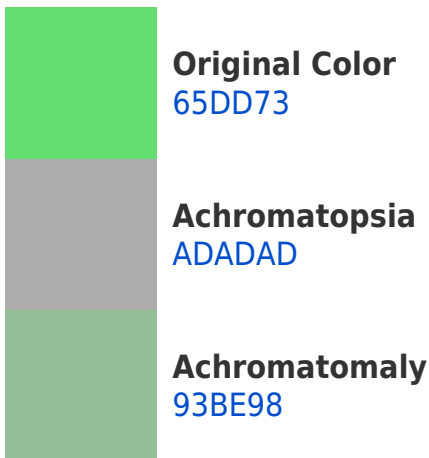


**Tritanopia**  
7FD1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65DD73 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 #65DD73 looks like.

```
.text, #text, p{  
    color:#65DD73  
}
```

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 #65DD73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65DD73
}
```

## Border

The CSS property to change the border of an element to Hex 65DD73 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
#65DD73 }
```

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

```
.border{ border-color:#65DD73 }
```

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

Here you see how a box with a 4 pixel #65DD73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65DD73; -webkit-box-shadow:4px 4px  
4px 4px #65DD73; box-shadow:4px 4px 4px  
4px #65DD73 }
```

# Background

The CSS property to change the background color of an element to Hex 65DD73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65DD73 }
```

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

```
.background{ background-color:#65DD73 }
```

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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