

Converting Colors

Hex(64CE75)

Have a look what the booklet for
Hex(64CE75) contains.

Hex(64CE75)	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(64CE75)

Conversions

Conversions Part 1

Format	Color
Hex	64CE75
RGB	100, 206, 117
RGB Percent	39%, 81%, 46%
CMY	0.6078, 0.1922, 0.5412
CMYK	0.51, 0.00, 0.43, 0.19
HSL	130°, 52%, 60%
HSV	130°, 51%, 81%
XYZ	30.5377, 48.1363, 24.5114
YIQ	164.1600, -34.6070, -50.1510

Conversions

Conversions Part 2

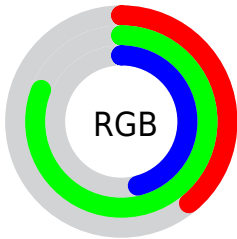
Format	Color
RYB	100, 191, 206
Decimal	6606453
CIELab	74.91, -49.40, 35.08
CIElCh	75, 60.589, 144.624
Yxy	48.1363, 0.2960, 0.4665
Android (android.graphics.Color)	4284796533 (0xFF64CE75)
YUV	164.1600, -23.2499, -56.2683
Hunter-Lab	69.3803, -42.8489, 27.6197

Details

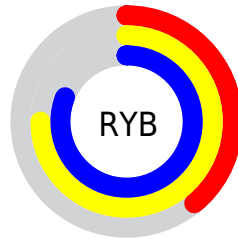
The Hex color **64CE75** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **CE64BD**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9DFFAA**, and **259743** is the 20% darker color. If you saturate the color by 10%, you get **4FCE64**, and if you desaturate by 10%, it is **79CE86**.

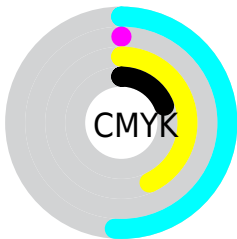
Distribution



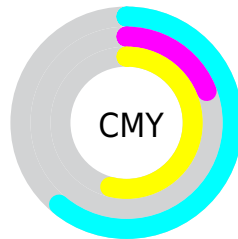
- Red (39%)
- Green (81%)
- Blue (46%)



- Red (39%)
- Yellow (75%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (43%)
- Black (19%)



- Cyan (61%)
- Magenta (19%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64CE75 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 64CE75 by changing the saturation by 10% instead.

 64CE75

 64CE75

FFFFFF

 46B25C

 9DFFAA

 259743

 BAFFC6

 007C2B

 D8FFE2

 006212

 F5FFFF

 004900

 003200

 001A00

 000000

 64CE75

 64CE75

 4FCE64

 79CE86

 3BCE52

 8DCE98

 26CE41

 A2CEA9

 12CE30

 B6CEBA

 00CE21

 CBCECB

 E0CEDD

 F4CEEE

 FFCEFF

Harmonies

Analogous

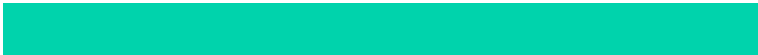
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AAC34D



64CE75



00D3AC

Triad

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



64CE75



00C2FF



FF8B8D

Complementary

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



64CE75



CE64BD

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.



FF88C5



64CE75



AAAEFF

Square

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



64CE75



00CEFF



F397FA



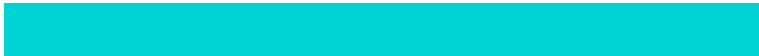
FF9D5E

Rectangle

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



64CE75



00D4D3



F397FA



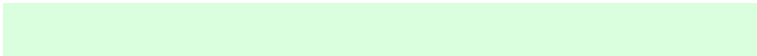
FF889F

Sweetspot

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



64CE75



D9FFDF



BECE64



69806C



000000



808080

Same Dimension

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



64CE75



61FF7A



64CEA9



5C665D



00A61B



002606

Inverse Universe

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



CE64BD



FF61E6



CE6489



665C64



A6008B



260020

Previews

White Background



This preview shows how the Hex color 64CE75 looks on a white background.

Color Contrast Check

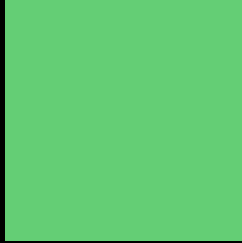
Large Text (above 18pt) WCAG AA × Fail

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 64CE75 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

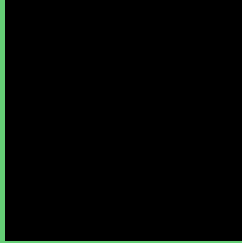
Any Text WCAG AA ✓ Pass

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 64CE75 Background



This preview shows how black text looks on a background with the Hex color 64CE75.

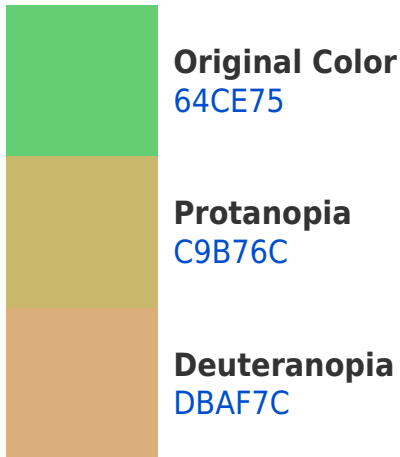


This preview shows how white text looks on a background with the Hex color 64CE75.

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
7AC3D3

Trichromacy



Original Color
64CE75



Protanomaly
A4BF6F



Deuteranomaly
B0BA79



Tritanomaly
72C7B1

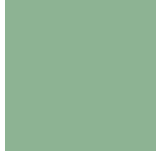
Monochromacy



Original Color
64CE75



Achromatopsia
A4A4A4



Achromatomaly
8DB393

CSS Examples

Text

The CSS property to change the color of the text to Hex 64CE75 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 #64CE75 looks like.

```
.text, #text, p{  
    color:#64CE75  
}
```

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 #64CE75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64CE75
}
```

Border

The CSS property to change the border of an element to Hex 64CE75 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
#64CE75 }
```

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

```
.border{ border-color:#64CE75 }
```

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

Here you see how a box with a 4 pixel #64CE75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64CE75; -webkit-box-shadow:4px 4px  
4px 4px #64CE75; box-shadow:4px 4px 4px  
4px #64CE75 }
```

Background

The CSS property to change the background color of an element to Hex 64CE75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64CE75 }
```

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

```
.background{ background-color:#64CE75 }
```

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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