

Converting Colors

Hex(63D6B5)

Have a look what the booklet for
Hex(63D6B5) contains.

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Color

Hex(63D6B5)

Conversions

Conversions Part 1

Format	Color
Hex	63D6B5
RGB	99, 214, 181
RGB Percent	39%, 84%, 71%
CMY	0.6118, 0.1608, 0.2902
CMYK	0.54, 0.00, 0.15, 0.16
HSL	163°, 58%, 61%
HSV	163°, 54%, 84%
XYZ	37.5326, 54.0820, 52.1768
YIQ	175.8530, -57.9470, -34.6430

Conversions

Conversions Part 2

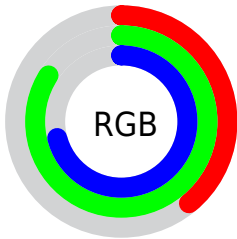
Format	Color
RYB	99, 166, 214
Decimal	6543029
CIELab	78.51, -40.54, 6.44
CIElCh	79, 41.051, 170.975
Yxy	54.0820, 0.2610, 0.3761
Android (android.graphics.Color)	4284733109 (0xFF63D6B5)
YUV	175.8530, 2.5375, -67.4001
Hunter-Lab	73.5405, -37.5952, 9.4122

Details

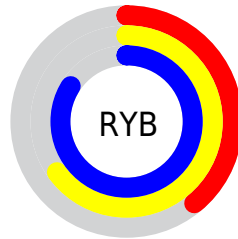
The Hex color **63D6B5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D66384**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **9EFFED**, and **1F9F80** is the 20% darker color. If you saturate the color by 10%, you get **4ED6AF**, and if you desaturate by 10%, it is **78D6BB**.

Distribution



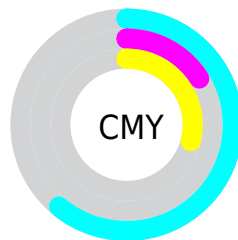
- Red (39%)
- Green (84%)
- Blue (71%)



- Red (39%)
- Yellow (65%)
- Blue (84%)



- Cyan (54%)
- Magenta (0%)
- Yellow (15%)
- Black (16%)



- Cyan (61%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63D6B5 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 63D6B5 by changing the saturation by 10% instead.

 63D6B5

 63D6B5

FFFFFF

 44BA9A

 9EFFED

 1F9F80

 BBFFFF

 008467

 D8FFFF

 006A4F

 F6FFFF

 005138

 003923

 00240D

 000000

 63D6B5

 63D6B5

 4ED6AF

 78D6BB

 38D6A9

 8ED6C1

 23D6A3

 A3D6C7

 0DD69C

 B9D6CE

 00D699

 CED6D4

 E3D6DA

 F9D6E0

 FFD6E6

 FFD6EC

Harmonies

Analogous

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



94D191



63D6B5



2DD6DC

Triad

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



63D6B5



B6BDFE



FFAF88

Complementary

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



63D6B5



D66384

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.



FFA6A9



63D6B5



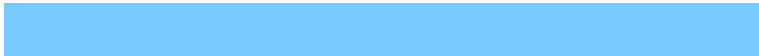
E7AFF3

Square

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



63D6B5



77C9FF



FFA6CF



E6BC77

Rectangle

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



63D6B5



24D4F3



FFA6CF



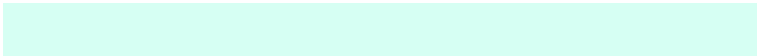
FFAB92

Sweetspot

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



63D6B5



D6FFF3



86D663



678079



000000



808080

Same Dimension

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



63D6B5



5CFFD0



63BFD6



606B68



00AB7A



002B1F

Inverse Universe

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



D66384



FF5C8B



D67A63



6B6063



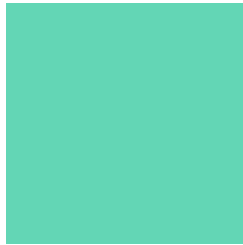
AB0031



2B000C

Previews

White Background



This preview shows how the Hex color 63D6B5 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 63D6B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

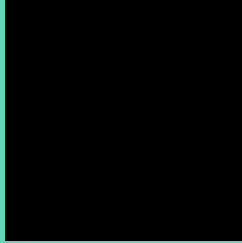
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

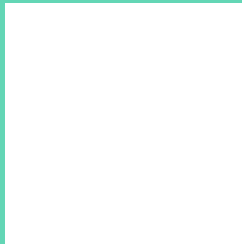
Any Text WCAG AAA ✓ Pass

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

Hex 63D6B5 Background



This preview shows how black text looks on a background with the Hex color 63D6B5.

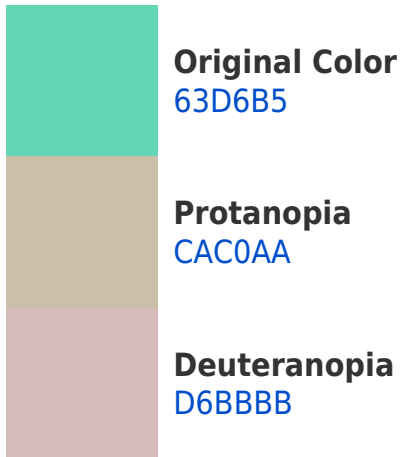


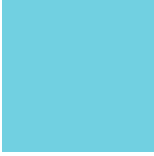
This preview shows how white text looks on a background with the Hex color 63D6B5.

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
71D0E1

Trichromacy



Original Color
63D6B5



Protanomaly
A5C8AE



Deuteranomaly
ACC5B9

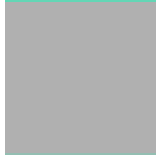


Tritanomaly
6CD2D1

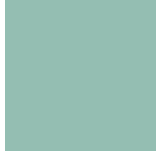
Monochromacy



Original Color
63D6B5



Achromatopsia
B0B0B0



Achromatomaly
94BEB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 63D6B5 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 #63D6B5 looks like.

```
.text, #text, p{  
    color:#63D6B5  
}
```

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 #63D6B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D6B5
}
```

Border

The CSS property to change the border of an element to Hex 63D6B5 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
#63D6B5 }
```

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

```
.border{ border-color:#63D6B5 }
```

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

Here you see how a box with a 4 pixel #63D6B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D6B5; -webkit-box-shadow:4px 4px  
4px 4px #63D6B5; box-shadow:4px 4px 4px  
4px #63D6B5 }
```

Background

The CSS property to change the background color of an element to Hex 63D6B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D6B5 }
```

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

```
.background{ background-color:#63D6B5 }
```

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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