

Converting Colors

Hex(63DBA5)

Have a look what the booklet for
Hex(63DBA5) contains.

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Color

Hex(63DBA5)

Conversions

Conversions Part 1

Format	Color
Hex	63DBA5
RGB	99, 219, 165
RGB Percent	39%, 86%, 65%
CMY	0.6118, 0.1412, 0.3529
CMYK	0.55, 0.00, 0.25, 0.14
HSL	153°, 62%, 62%
HSV	153°, 55%, 86%
XYZ	37.2686, 56.0323, 44.4484
YIQ	176.9640, -54.1860, -42.2340

Conversions

Conversions Part 2

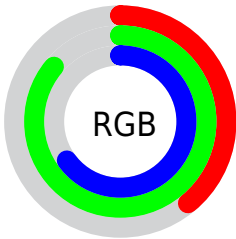
Format	Color
RYB	99, 176, 219
Decimal	6544293
CIELab	79.63, -46.24, 16.52
CIELCh	80, 49.106, 160.342
Yxy	56.0323, 0.2706, 0.4068
Android (android.graphics.Color)	4284734373 (0xFF63DBA5)
YUV	176.9640, -5.8983, -68.3744
Hunter-Lab	74.8547, -42.1243, 17.1922

Details

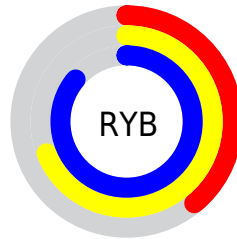
The Hex color **63DBA5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB6399**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9EFFDC**, and **1EA371** is the 20% darker color. If you saturate the color by 10%, you get **4DDB9B**, and if you desaturate by 10%, it is **79DBAF**.

Distribution



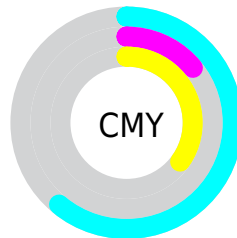
- Red (39%)
- Green (86%)
- Blue (65%)



- Red (39%)
- Yellow (69%)
- Blue (86%)



- Cyan (55%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)



- Cyan (61%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63DBA5 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 63DBA5 by changing the saturation by 10% instead.

 63DBA5

 63DBA5

FFFFFF

 44BF8B


 9EFFDC

 1EA371

 BBFFF9

 008858

 D9FFFF

 006E41

 F7FFFF

 00552A

 003C15

 002700

 000000

 63DBA5

 63DBA5

 4DDB9B

 79DBAF

 37DB91

 8FDDB9

 21DB87

 A5DBC3

 0BDB7E

 BBDBCC

 00DB78

 D1DBD6

 E6DBE0

 FCDBEA

 FFDBF4

 FFDBFE

Harmonies

Analogous

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



A1D47E



63DBA5



00DDD4

Triad

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



63DBA5



99C5FF



FFA98C

Complementary

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



63DBA5



DB6399

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.



FFA0B7



63DBA5



DEB3FF

Square

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



63DBA5



2DD2FF



FFA5E5



FBB86F

Rectangle

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



63DBA5



00DCF2



FFA5E5



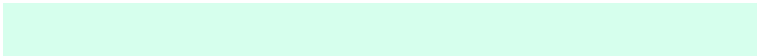
FFA59A

Sweetspot

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



63DBA5



D6FFED



99DB63



678075



000000



808080

Same Dimension

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



63DBA5



57FFB3



63D5DB



636E69



00AD5F



002E19

Inverse Universe

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



DB6399



FF57A2



DB6963



6E6368



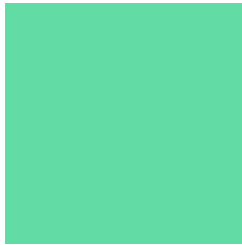
AD004E



2E0015

Previews

White Background



This preview shows how the Hex color 63DBA5 looks on a white background.

Color Contrast Check

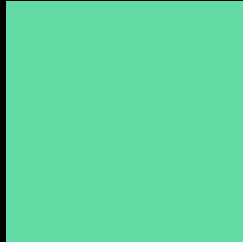
Large Text (above 18pt) WCAG AA × Fail

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 63DBA5 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 63DBA5 Background



This preview shows how black text looks on a background with the Hex color 63DBA5.

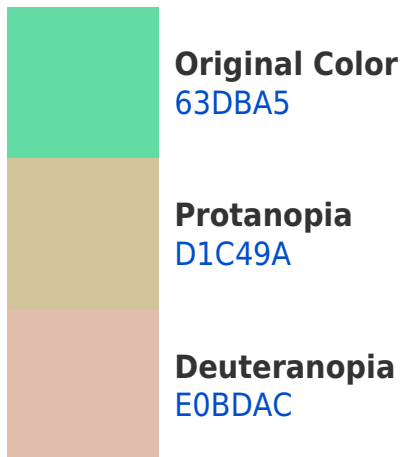


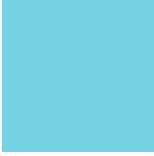
This preview shows how white text looks on a background with the Hex color 63DBA5.

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
76D3E4

Trichromacy



Original Color
63DBA5



Protanomaly
A9CC9E



Deuteranomaly
B3C8A9



Tritanomaly
6FD6CD

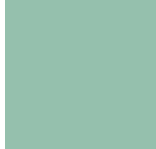
Monochromacy



Original Color
63DBA5



Achromatopsia
B1B1B1



Achromatomaly
95C0AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 63DBA5 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 #63DBA5 looks like.

```
.text, #text, p{  
    color:#63DBA5  
}
```

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 #63DBA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63DBA5
}
```

Border

The CSS property to change the border of an element to Hex 63DBA5 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
#63DBA5 }
```

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

```
.border{ border-color:#63DBA5 }
```

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

Here you see how a box with a 4 pixel #63DBA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63DBA5; -webkit-box-shadow:4px 4px  
4px 4px #63DBA5; box-shadow:4px 4px 4px  
4px #63DBA5 }
```

Background

The CSS property to change the background color of an element to Hex 63DBA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63DBA5 }
```

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

```
.background{ background-color:#63DBA5 }
```

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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