

Converting Colors

Hex(64D3B6)

Have a look what the booklet for
Hex(64D3B6) contains.

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Color

Hex(64D3B6)

Conversions

Conversions Part 1

Format	Color
Hex	64D3B6
RGB	100, 211, 182
RGB Percent	39%, 83%, 71%
CMY	0.6078, 0.1725, 0.2863
CMYK	0.53, 0.00, 0.14, 0.17
HSL	164°, 56%, 61%
HSV	164°, 53%, 83%
XYZ	36.9933, 52.6753, 52.4736
YIQ	174.5050, -56.8470, -32.5510

Conversions

Conversions Part 2

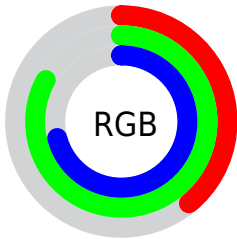
Format	Color
RYB	100, 164, 211
Decimal	6607798
CIELab	77.68, -38.74, 4.72
CIELCh	78, 39.031, 173.057
Yxy	52.6753, 0.2603, 0.3706
Android (android.graphics.Color)	4284797878 (0xFF64D3B6)
YUV	174.5050, 3.6950, -65.3409
Hunter-Lab	72.5777, -36.0285, 7.9378

Details

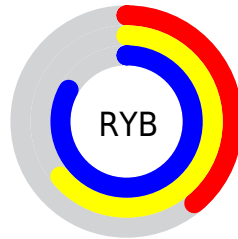
The Hex color **64D3B6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D36481**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **9EFFEE**, and **229C81** is the 20% darker color. If you saturate the color by 10%, you get **4FD3B0**, and if you desaturate by 10%, it is **79D3BC**.

Distribution



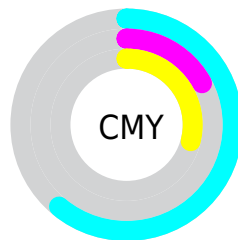
- Red (39%)
- Green (83%)
- Blue (71%)



- Red (39%)
- Yellow (64%)
- Blue (83%)



- Cyan (53%)
- Magenta (0%)
- Yellow (14%)
- Black (17%)



- Cyan (61%)
- Magenta (17%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64D3B6 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 64D3B6 by changing the saturation by 10% instead.

 64D3B6

 64D3B6

FFFFFF

 46B79B

 9EFFEE

 229C81

 BBFFFF

 008168

 D9FFFF

 006850

 F7FFFF

 004F39

 003724

 00220E

 000000

 64D3B6

 64D3B6

 4FD3B0

 79D3BC

 3AD3AB

 8ED3C1

 25D3A5

 A3D3C7

 10D3A0

 B8D3CC

 00D39C

 CDD3D2

 E3D3D7

 F8D3DD

 FFD3E2

 FFD3E8

Harmonies

Analogous

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



92CF93



64D3B6



3AD3DB

Triad

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



64D3B6



B8BAFF



FBAE87

Complementary

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



64D3B6



D36481

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.



FFA6A5



64D3B6



E6ADEC

Square

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



64D3B6



7FC6FF



FFA5CA



E0BB78

Rectangle

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



64D3B6



39D1F0



FFA5CA



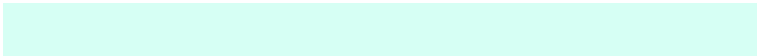
FFAB90

Sweetspot

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



64D3B6



D6FFF4



82D364



678079



000000



808080

Same Dimension

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



64D3B6



5EFFD5



64B9D3



5E6966



00A87C



00291E

Inverse Universe

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



D36481



FF5E88



D37E64



695E61



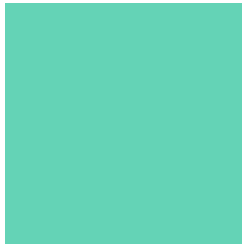
A8002C



29000B

Previews

White Background



This preview shows how the Hex color 64D3B6 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 64D3B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

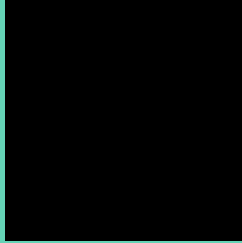
Any Text WCAG AA ✓ Pass

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 64D3B6 Background



This preview shows how black text looks on a background with the Hex color 64D3B6.



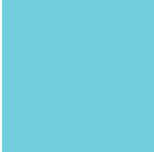
This preview shows how white text looks on a background with the Hex color 64D3B6.

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



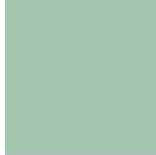


Tritanopia
71CDDE

Trichromacy



Original Color
64D3B6



Protanomaly
A3C6AF



Deuteranomaly
AAC2BA

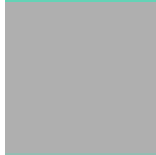


Tritanomaly
6CCFCF

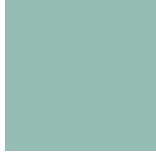
Monochromacy



Original Color
64D3B6



Achromatopsia
AFAFAF



Achromatomaly
94BCB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 64D3B6 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 #64D3B6 looks like.

```
.text, #text, p{  
    color:#64D3B6  
}
```

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 #64D3B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64D3B6
}
```

Border

The CSS property to change the border of an element to Hex 64D3B6 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
#64D3B6 }
```

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

```
.border{ border-color:#64D3B6 }
```

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

Here you see how a box with a 4 pixel #64D3B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64D3B6; -webkit-box-shadow:4px 4px  
4px 4px #64D3B6; box-shadow:4px 4px 4px  
4px #64D3B6 }
```

Background

The CSS property to change the background color of an element to Hex 64D3B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64D3B6 }
```

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

```
.background{ background-color:#64D3B6 }
```

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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