

Converting Colors

Hex(65C2B5)

Have a look what the booklet for
Hex(65C2B5) contains.

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Color

Hex(65C2B5)

Conversions

Conversions Part 1

Format	Color
Hex	65C2B5
RGB	101, 194, 181
RGB Percent	40%, 76%, 71%
CMY	0.6039, 0.2392, 0.2902
CMYK	0.48, 0.00, 0.07, 0.24
HSL	172°, 43%, 58%
HSV	172°, 48%, 76%
XYZ	32.9991, 44.6865, 50.6022
YIQ	164.7110, -51.2550, -23.7590

Conversions

Conversions Part 2

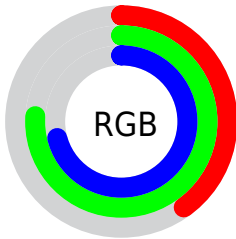
Format	Color
RYB	101, 151, 194
Decimal	6668981
CIELab	72.68, -30.84, -2.01
CIElCh	73, 30.910, 183.732
Yxy	44.6865, 0.2572, 0.3483
Android (android.graphics.Color)	4284859061 (0xFF65C2B5)
YUV	164.7110, 8.0305, -55.8745
Hunter-Lab	66.8479, -28.8684, 1.9125

Details

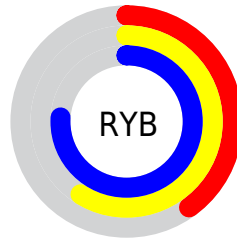
The Hex color **65C2B5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **C26572**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **9EFBED**, and **298C80** is the 20% darker color. If you saturate the color by 10%, you get **52C2B2**, and if you desaturate by 10%, it is **78C2B8**.

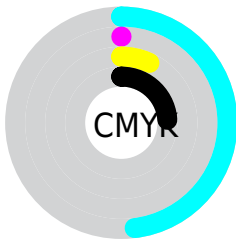
Distribution



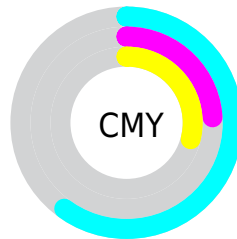
- Red (40%)
- Green (76%)
- Blue (71%)



- Red (40%)
- Yellow (59%)
- Blue (76%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (60%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65C2B5 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 65C2B5 by changing the saturation by 10% instead.

 65C2B5

 65C2B5

FFFFFF

 48A79A

 9EFBED

 298C80

 BAEFFF

 007267

 D7FFFF

 00594F

 F5FFFF

 004138

 002A23

 00110E

 000000

 65C2B5

 65C2B5

 52C2B2

 78C2B8

 3EC2B0

 8CC2BA

 2BC2AD

 9FC2BD

 17C2AA

 B3C2C0

 04C2A7

 C6C2C3

 00C2A7

 D9C2C5

 EDC2C8

 FFC2CB

 FFC2CD

Harmonies

Analogous

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



83C098



65C2B5



57C1D1

Triad

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



65C2B5



BBAE1



DBA880

Complementary

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



65C2B5



C26572

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.



E9A094



65C2B5



D9A1CC

Square

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



65C2B5



93B4EA



E99DB0



C3B27A

Rectangle

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



65C2B5



61BEDF



E99DB0



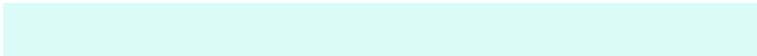
E1A586

Sweetspot

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



65C2B5



D9FCF8



73C265



6A807C



000000



808080

Same Dimension

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



65C2B5



6AFCE8



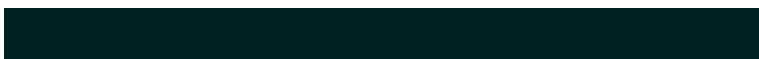
65A1C2



576160



00A18A



00211D

Inverse Universe

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



C26572



FC6A7E



C28665



615759



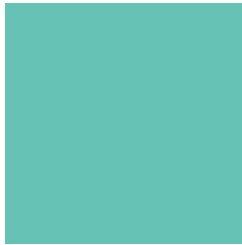
A10016



210005

Previews

White Background



This preview shows how the Hex color 65C2B5 looks on a white background.

Color Contrast Check

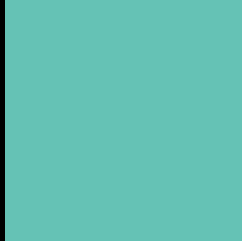
Large Text (above 18pt) WCAG AA × Fail

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 65C2B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

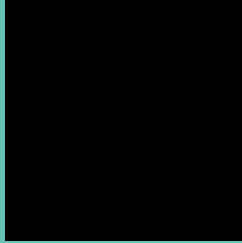
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

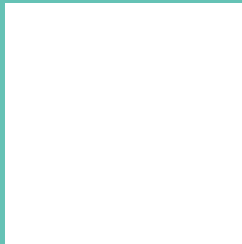
Any Text WCAG AAA ✓ Pass

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

Hex 65C2B5 Background



This preview shows how black text looks on a background with the Hex color 65C2B5.



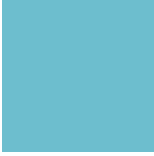
This preview shows how white text looks on a background with the Hex color 65C2B5.

Color Blindness Simulation

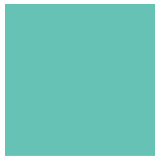
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





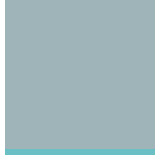
Trichromacy



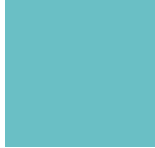
Original Color
65C2B5



Protanomaly
99B7AF



Deuteranomaly
9EB4B8



Tritanomaly
6ABFC5

Monochromacy



Original Color
65C2B5



Achromatopsia
A5A5A5



Achromatomaly
8EB0AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 65C2B5 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 #65C2B5 looks like.

```
.text, #text, p{  
    color:#65C2B5  
}
```

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 #65C2B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65C2B5
}
```

Border

The CSS property to change the border of an element to Hex 65C2B5 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
#65C2B5 }
```

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

```
.border{ border-color:#65C2B5 }
```

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

Here you see how a box with a 4 pixel #65C2B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65C2B5; -webkit-box-shadow:4px 4px  
4px 4px #65C2B5; box-shadow:4px 4px 4px  
4px #65C2B5 }
```

Background

The CSS property to change the background color of an element to Hex 65C2B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65C2B5 }
```

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

```
.background{ background-color:#65C2B5 }
```

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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