

Converting Colors

Hex(64CCD6)

Have a look what the booklet for
Hex(64CCD6) contains.

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Color

Hex(64CCD6)

Conversions

Conversions Part 1

Format	Color
Hex	64CCD6
RGB	100, 204, 214
RGB Percent	39%, 80%, 84%
CMY	0.6078, 0.2000, 0.1608
CMYK	0.53, 0.05, 0.00, 0.16
HSL	185°, 58%, 62%
HSV	185°, 53%, 84%
XYZ	38.9860, 50.7501, 71.3593
YIQ	174.0440, -65.1940, -18.9380

Conversions

Conversions Part 2

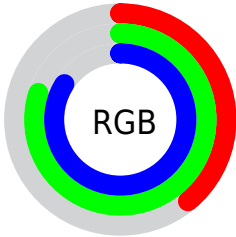
Format	Color
RYB	100, 154, 214
Decimal	6606038
CIELab	76.53, -27.32, -14.19
CIElCh	77, 30.791, 207.451
Yxy	50.7501, 0.2420, 0.3150
Android (android.graphics.Color)	4284796118 (0xFF64CCD6)
YUV	174.0440, 19.6983, -64.9366
Hunter-Lab	71.2391, -26.9833, -9.5227

Details

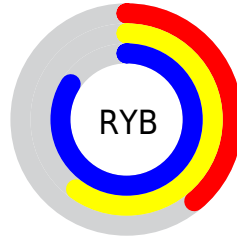
The Hex color **64CCD6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D66E64**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9FFFFFF**, and **1E959F** is the 20% darker color. If you saturate the color by 10%, you get **4FCAD6**, and if you desaturate by 10%, it is **79CED6**.

Distribution



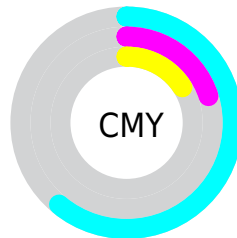
- Red (39%)
- Green (80%)
- Blue (84%)



- Red (39%)
- Yellow (60%)
- Blue (84%)



- Cyan (53%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64CCD6 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 64CCD6 by changing the saturation by 10% instead.

 64CCD6

 64CCD6

FFFFFF

 45B0BA

 9FFFFFF

 1E959F

 BDFFFF

 007B85

 DAFFFF

 00626C

 F8FFFF

 004A54

 00333D

 002027

 000112

 000000

 64CCD6

 64CCD6

 4FCAD6

 79CED6

 39C8D6

 8FD0D6

 24C6D6

 A4D2D6

 0EC4D6

 BAD4D6

 00C3D6

 CFD5D6

 E4D7D6

 FAD9D6

 FFDBD6

 FFDDD6

Harmonies

Analogous

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



76CCB9



64CCD6



70C8EC

Triad

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



64CCD6



DFADDC



D3BA84

Complementary

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



64CCD6



D66E64

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.



EAB18E



64CCD6



F2A8C0

Square

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



64CCD6



BEB6EF



F6A9A4



B6C38A

Rectangle

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



64CCD6



87C3F4



F6A9A4



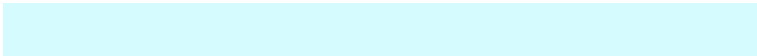
DCB786

Sweetspot

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



64CCD6



D6FBFF



64D66D



677D80



000000



808080

Same Dimension

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



64CCD6



5CF1FF



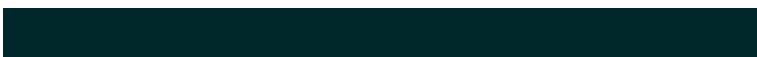
6494D6



606A6B



009CAB



00282B

Inverse Universe

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



D664CC



FF5CF1



D6A764



6B606A



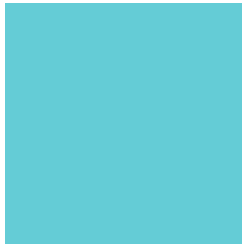
AB009C



2B0028

Previews

White Background



This preview shows how the Hex color 64CCD6 looks on a white background.

Color Contrast Check

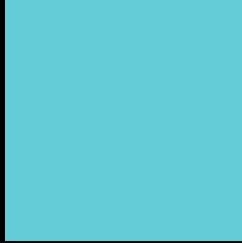
Large Text (above 18pt) WCAG AA × Fail

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 64CCD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

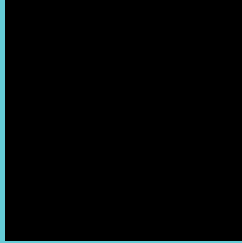
Any Text WCAG AA ✓ Pass

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 64CCD6 Background



This preview shows how black text looks on a background with the Hex color 64CCD6.

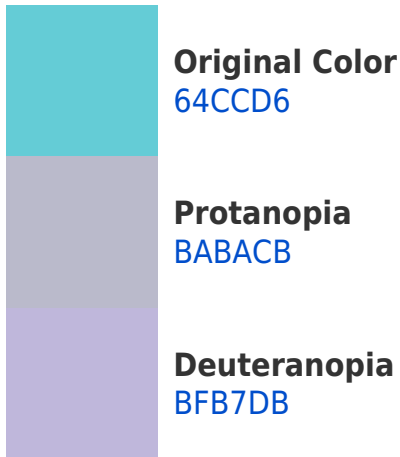


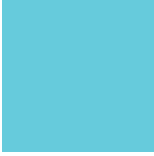
This preview shows how white text looks on a background with the Hex color 64CCD6.

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
66CBDC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64CCD6 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 #64CCD6 looks like.

```
.text, #text, p{  
    color:#64CCD6  
}
```

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 #64CCD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64CCD6
}
```

Border

The CSS property to change the border of an element to Hex 64CCD6 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
#64CCD6 }
```

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

```
.border{ border-color:#64CCD6 }
```

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

Here you see how a box with a 4 pixel #64CCD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64CCD6; -webkit-box-shadow:4px 4px  
4px 4px #64CCD6; box-shadow:4px 4px 4px  
4px #64CCD6 }
```

Background

The CSS property to change the background color of an element to Hex 64CCD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64CCD6 }
```

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

```
.background{ background-color:#64CCD6 }
```

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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