

Converting Colors

Hex(64DEC5)

Have a look what the booklet for
Hex(64DEC5) contains.

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Color

Hex(64DEC5)

Conversions

Conversions Part 1

Format	Color
Hex	64DEC5
RGB	100, 222, 197
RGB Percent	39%, 87%, 77%
CMY	0.6078, 0.1294, 0.2275
CMYK	0.55, 0.00, 0.11, 0.13
HSL	168°, 65%, 63%
HSV	168°, 55%, 87%
XYZ	41.4549, 58.9831, 62.0233
YIQ	182.6720, -64.6870, -33.6390

Conversions

Conversions Part 2

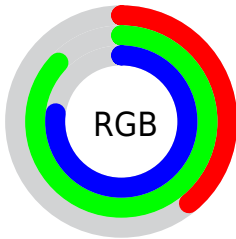
Format	Color
RYB	100, 168, 222
Decimal	6610629
CIELab	81.28, -40.14, 1.94
CIELCh	81, 40.184, 177.237
Yxy	58.9831, 0.2552, 0.3631
Android (android.graphics.Color)	4284800709 (0xFF64DEC5)
YUV	182.6720, 7.0637, -72.5033
Hunter-Lab	76.8005, -38.0512, 5.8783

Details

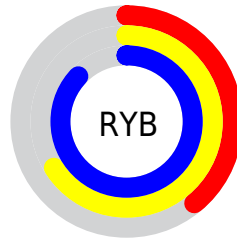
The Hex color **64DEC5** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **DE647D**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A0FFFE**, and **1CA68F** is the 20% darker color. If you saturate the color by 10%, you get **4EDEC0**, and if you desaturate by 10%, it is **7ADECA**.

Distribution



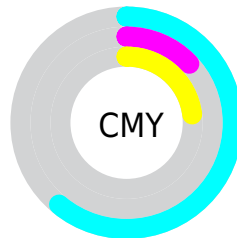
- Red (39%)
- Green (87%)
- Blue (77%)



- Red (39%)
- Yellow (66%)
- Blue (87%)



- Cyan (55%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)



- Cyan (61%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64DEC5 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 64DEC5 by changing the saturation by 10% instead.

 64DEC5

 64DEC5

FFFFFF

 44C2AA

 A0FFFE

 1CA68F

 BDFFFF

 008B76

 DBFFFF

 00715D

 F9FFFF

 005846

 00402F

 002A1B

 000900

 000000

 64DEC5

 64DEC5

 4EDEC0

 7ADECA

 38DEBC

 90DECE

 21DEB7

 A7DED3

 0BDEB3

 BDDDED7

 00DEB1

 D3DEDC

 E9DEE0

 FFDEE5

 FFDEE9

 FFDEEE

Harmonies

Analogous

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



94DAA0



64DEC5



3DDEEB

Triad

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



64DEC5



CAC1FF



FFB98C

Complementary

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



64DEC5



DE647D

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.



FFAFA9



64DEC5



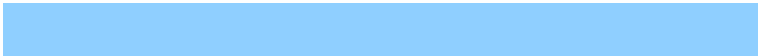
F6B5F3

Square

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



64DEC5



8FCFFF



FFADCF



E6C67E

Rectangle

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



64DEC5



44DBFF



FFADCF



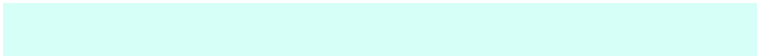
FFB694

Sweetspot

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



64DEC5



D6FFF7



7EDE64



67807B



000000



808080

Same Dimension

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



64DEC5



57FFDD



64BBDE



65706E



00B08C



003027

Inverse Universe

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



DE647D



FF5779



DE8764



706567



B00024



30000A

Previews

White Background



This preview shows how the Hex color 64DEC5 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 64DEC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

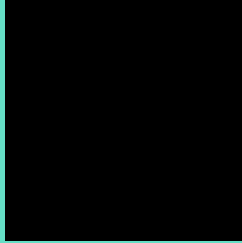
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

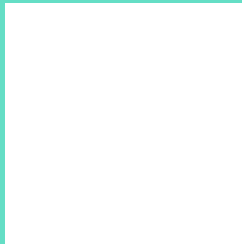
Any Text WCAG AAA ✓ Pass

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

Hex 64DEC5 Background



This preview shows how black text looks on a background with the Hex color 64DEC5.



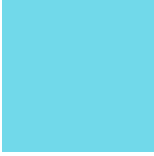
This preview shows how white text looks on a background with the Hex color 64DEC5.

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



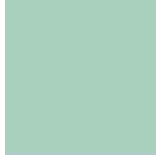


Tritanopia
71D9EA

Trichromacy



Original Color
64DEC5



Protanomaly
A9D0BD



Deuteranomaly
B0CCC9

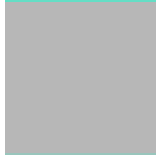


Tritanomaly
6CDBDD

Monochromacy



Original Color
64DEC5



Achromatopsia
B7B7B7



Achromatomaly
99C5BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 64DEC5 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 #64DEC5 looks like.

```
.text, #text, p{  
    color:#64DEC5  
}
```

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 #64DEC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64DEC5  
}
```

Border

The CSS property to change the border of an element to Hex 64DEC5 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  
#64DEC5 }
```

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

```
.border{ border-color:#64DEC5 }
```

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

Here you see how a box with a 4 pixel #64DEC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64DEC5; -webkit-box-shadow:4px 4px  
4px 4px #64DEC5; box-shadow:4px 4px 4px  
4px #64DEC5 }
```

Background

The CSS property to change the background color of an element to Hex 64DEC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64DEC5 }
```

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

```
.background{ background-color:#64DEC5 }
```

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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