

Converting Colors

Hex(65DBE9)

Have a look what the booklet for
Hex(65DBE9) contains.

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Color

Hex(65DBE9)

Conversions

Conversions Part 1

Format	Color
Hex	65DBE9
RGB	101, 219, 233
RGB Percent	40%, 86%, 91%
CMY	0.6039, 0.1412, 0.0863
CMYK	0.57, 0.06, 0.00, 0.09
HSL	186°, 75%, 65%
HSV	186°, 57%, 91%
XYZ	45.4063, 59.3129, 86.1462
YIQ	185.3140, -74.8220, -20.6620

Conversions

Conversions Part 2

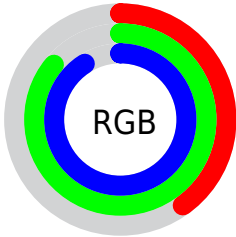
Format	Color
RYB	101, 163, 233
Decimal	6675433
CIELab	81.46, -29.23, -16.94
CIElCh	81, 33.786, 210.089
Yxy	59.3129, 0.2379, 0.3108
Android (android.graphics.Color)	4284865513 (0xFF65DBE9)
YUV	185.3140, 23.5092, -73.9434
Hunter-Lab	77.0149, -29.5363, -12.4093

Details

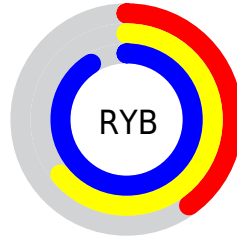
The Hex color **65DBE9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E97365**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A2FFFF**, and **15A4B1** is the 20% darker color. If you saturate the color by 10%, you get **4ED9E9**, and if you desaturate by 10%, it is **7CDDE9**.

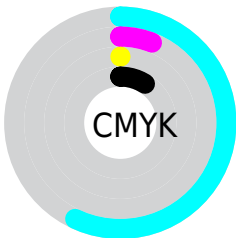
Distribution



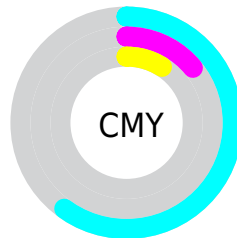
- Red (40%)
- Green (86%)
- Blue (91%)



- Red (40%)
- Yellow (64%)
- Blue (91%)



- Cyan (57%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (60%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65DBE9 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 65DBE9 by changing the saturation by 10% instead.

 65DBE9

 65DBE9

FFFFFF

 44BFCD

 A2FFFF

 15A4B1

 C0FFFF

 008997


 DFFFFF

 006F7D

FDFFFF

 005764

 003F4C

 002835

 000C20

 000005

 65DBE9

 65DBE9

 4ED9E9

 7CDDE9

 36D6E9

 94E0E9

 1FD4E9

 ABE2E9

 08D1E9

 C2E5E9

 00D0E9

 DAE7E9

 F1EAE9

 FFECE9

 FFEFE9

 FFF1E9

Harmonies

Analogous

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



78DCC9



65DBE9



76D6FF

Triad

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



65DBE9



F3B8EA



E1C88B

Complementary

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



65DBE9



E97365

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.



FBBE95



65DBE9



FFB3CC

Square

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



65DBE9



CFC2FF



FFB5AC



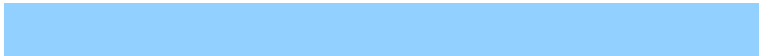
BFD293

Rectangle

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



65DBE9



92D1FF



FFB5AC



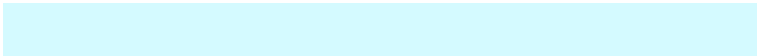
EAC58C

Sweetspot

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



65DBE9



D4FAFF



65E972



667D80



000000



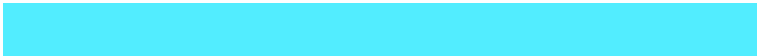
808080

Same Dimension

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



65DBE9



52EDFF



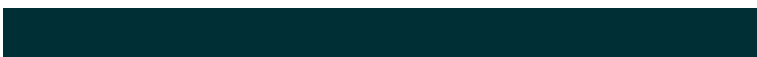
659AE9



6A7475



00A2B5



003036

Inverse Universe

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



E965DB



FF52ED



E9B465



756A74



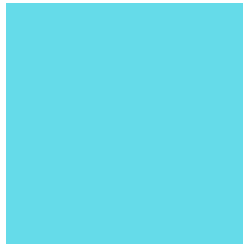
B500A2



360030

Previews

White Background



This preview shows how the Hex color 65DBE9 looks on a white background.

Color Contrast Check

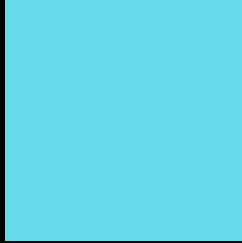
Large Text (above 18pt) WCAG AA × Fail

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 65DBE9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

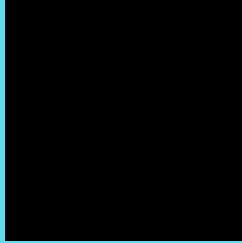
Any Text WCAG AA ✓ Pass

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 65DBE9 Background



This preview shows how black text looks on a background with the Hex color 65DBE9.

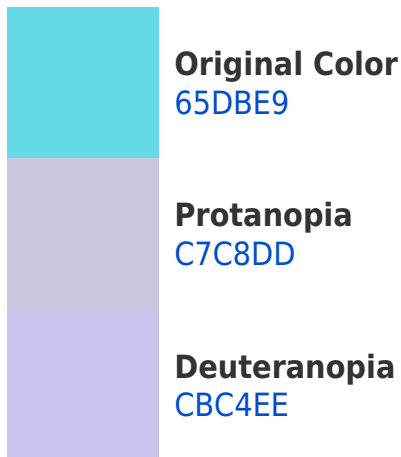


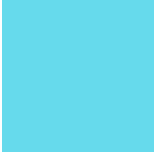
This preview shows how white text looks on a background with the Hex color 65DBE9.

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



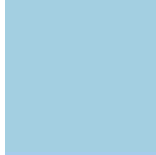


Tritanopia
66DAEC

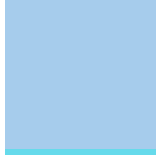
Trichromacy



Original Color
65DBE9



Protanomaly
A3CFE1



Deuteranomaly
A6CCEC

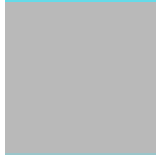


Tritanomaly
66DAEB

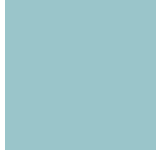
Monochromacy



Original Color
65DBE9



Achromatopsia
B9B9B9



Achromatomaly
9AC5CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 65DBE9 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 #65DBE9 looks like.

```
.text, #text, p{  
    color:#65DBE9  
}
```

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 #65DBE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65DBE9
}
```

Border

The CSS property to change the border of an element to Hex 65DBE9 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
#65DBE9 }
```

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

```
.border{ border-color:#65DBE9 }
```

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

Here you see how a box with a 4 pixel #65DBE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65DBE9; -webkit-box-shadow:4px 4px  
4px 4px #65DBE9; box-shadow:4px 4px 4px  
4px #65DBE9 }
```

Background

The CSS property to change the background color of an element to Hex 65DBE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65DBE9 }
```

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

```
.background{ background-color:#65DBE9 }
```

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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