

Converting Colors

Hex(63BEEB)

Have a look what the booklet for
Hex(63BEEB) contains.

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Color

Hex(63BEEB)

Conversions

Conversions Part 1

Format	Color
Hex	63BEEB
RGB	99, 190, 235
RGB Percent	39%, 75%, 92%
CMY	0.6118, 0.2549, 0.0784
CMYK	0.58, 0.19, 0.00, 0.08
HSL	200°, 77%, 65%
HSV	200°, 58%, 92%
XYZ	38.5544, 45.4777, 85.3433
YIQ	167.9210, -68.6810, -5.2970

Conversions

Conversions Part 2

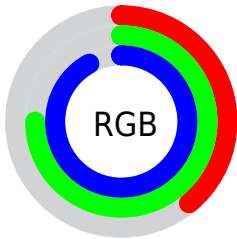
Format	Color
R _Y B	99, 154, 235
Decimal	6536939
CIE Lab	73.21, -14.38, -30.60
CIE LCh	73, 33.811, 244.829
Yxy	45.4777, 0.2276, 0.2685
Android (android.graphics.Color)	4284727019 (0xFF63BEEB)
YUV	167.9210, 33.0699, -60.4437
Hunter-Lab	67.4372, -15.9650, -27.8269

Details

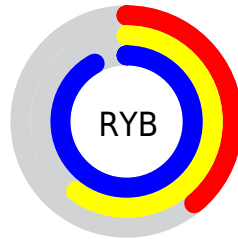
The Hex color **63BEEB** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **EB9063**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9FF6FF**, and **1889B3** is the 20% darker color. If you saturate the color by 10%, you get **4BB6EB**, and if you desaturate by 10%, it is **7BC6EB**.

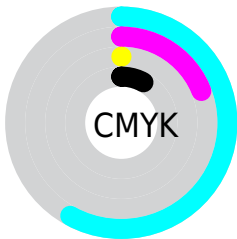
Distribution



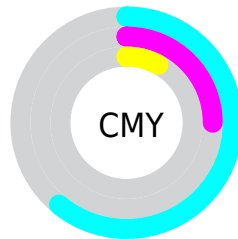
- Red (39%)
- Green (75%)
- Blue (92%)



- Red (39%)
- Yellow (60%)
- Blue (92%)



- Cyan (58%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)



- Cyan (61%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63BEEB 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 63BEEB by changing the saturation by 10% instead.

 63BEEB

 63BEEB


FFFFFF

 43A3CF

 9FF6FF

 1889B3

 BDFFFF

 006F98

 DBFFFF

 00577E

 F9FFFF

 004065

 002A4D

 001636

 000220

 000004

■ 63BEEB

■ 63BEEB

■ 4BB6EB

■ 7BC6EB

■ 34AE EB

■ 92CEEB

■ 1DA7EB

■ AAD5EB

■ 059FEB

■ C1DDEB

■ 009DEB

■ D9E5EB

■ F0EDEB

■ FFF4EB

■ FFFCEB

■ FFFFEB

Harmonies

Analogous

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



4AC3D6



63BEEB



92B5F1

Triad

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



63BEEB



F09CB0



A3BC80

Complementary

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



63BEEB



EB9063

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.



C4B376



63BEEB



EFA092

Square

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



63BEEB



DFA0CF



DFA97C



7EC298

Rectangle

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



63BEEB



B0AEEC



DFA97C



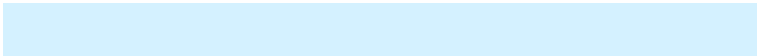
AEBA7B

Sweetspot

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



63BEEB



D4F1FF



63EB8E



667780



000000



808080

Same Dimension

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



63BEEB



4FC5FF



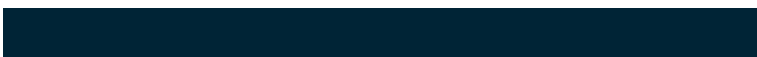
637CEB



6A7175



0079B5



002436

Inverse Universe

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



EB63BE



FF4FC5



EBD263



756A71



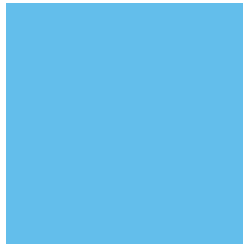
B50079



360024

Previews

White Background



This preview shows how the Hex color 63BEEB looks on a white background.

Color Contrast Check

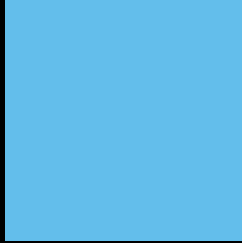
Large Text (above 18pt) WCAG AA × Fail

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 63BEEB 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

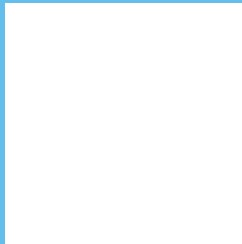
Any Text WCAG AAA ✓ Pass

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

Hex 63BEEB Background



This preview shows how black text looks on a background with the Hex color 63BEEB.

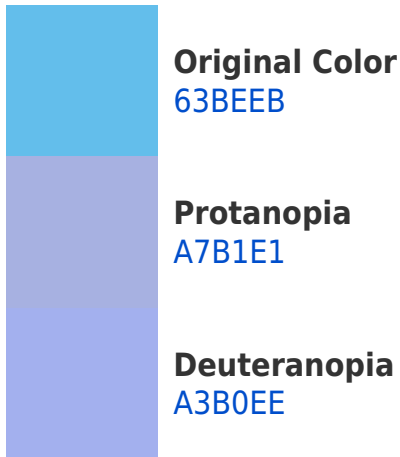


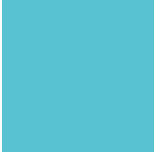
This preview shows how white text looks on a background with the Hex color 63BEEB.

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](#).

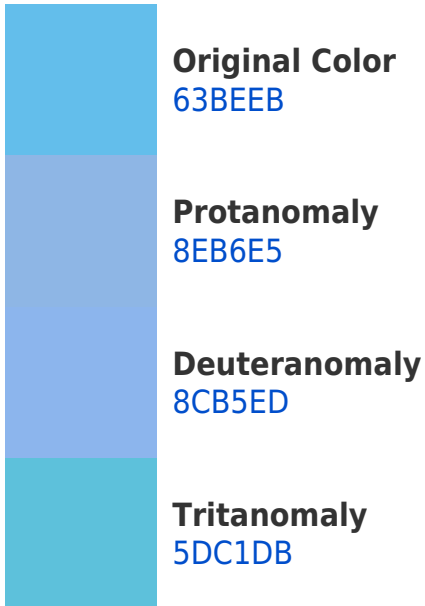
Dichromacy





Tritanopia
59C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 63BEEB 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 #63BEEB looks like.

```
.text, #text, p{  
    color:#63BEEB  
}
```

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 #63BEEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BEEB
}
```

Border

The CSS property to change the border of an element to Hex 63BEEB 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
#63BEEB }
```

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

```
.border{ border-color:#63BEEB }
```

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

Here you see how a box with a 4 pixel #63BEEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BEEB; -webkit-box-shadow:4px 4px  
4px 4px #63BEEB; box-shadow:4px 4px 4px  
4px #63BEEB }
```

Background

The CSS property to change the background color of an element to Hex 63BEEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BEEB }
```

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

```
.background{ background-color:#63BEEB }
```

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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