

Converting Colors

Hex(63EAD9)

Have a look what the booklet for
Hex(63EAD9) contains.

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Color

Hex(63EAD9)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 63EAD9 |
| RGB | 99, 234, 217 |
| RGB Percent | 39%, 92%, 85% |
| CMY | 0.6118, 0.0824, 0.1490 |
| CMYK | 0.58, 0.00, 0.07, 0.08 |
| HSL | 172°, 76%, 65% |
| HSV | 172°, 58%, 92% |
| XYZ | 47.0928, 66.5080, 76.0009 |
| YIQ | 191.6970, -75.0030, -33.9070 |

Conversions

Conversions Part 2

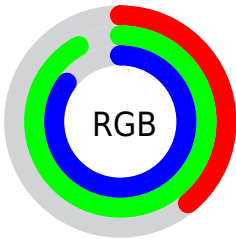
| Format | Color |
|-------------------------------------|---|
| RYB | 99, 171, 234 |
| Decimal | 6548185 |
| CIELab | 85.25, -40.80, -2.83 |
| CIELCh | 85, 40.894, 183.975 |
| Yxy | 66.5080, 0.2484, 0.3508 |
| Android (android.graphics.Color) | 4284738265 (0xFF63EAD9) |
| YUV | 191.6970, 12.4744, -81.2953 |
| Hunter-Lab | 81.5525, -39.6413, 1.8328 |

Details

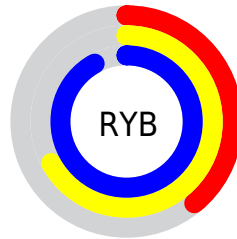
The Hex color **63EAD9** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **EA6374**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A1FFFF**, and **0CB2A2** is the 20% darker color. If you saturate the color by 10%, you get **4CEAD6**, and if you desaturate by 10%, it is **7AEADC**.

Distribution



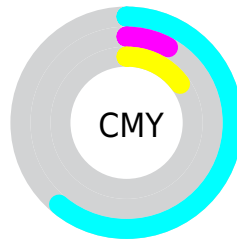
- Red (39%)
- Green (92%)
- Blue (85%)



- Red (39%)
- Yellow (67%)
- Blue (92%)



- Cyan (58%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (61%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63EAD9 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 63EAD9 by changing the saturation by 10% instead.

 63EAD9

 63EAD9

FFFFFF

 41CDBD

 A1FFFF

 0CB2A2

 BFFFFFF

 009688

 DDDFFF

 007C6F

 FCFFFF

 006256

 004A3F

 003229

 001B15

 000000

 63EAD9

 63EAD9

 4CEAD6

 7AEADC

 34EAD3

 92EADF

 1DEAD0

 A9EAE2

 05EACD

 C1EAE5

 00EACD

 D8EAE8

 EFEAEB

 FFEAEE

 FFEAF1

 FFEAF4

Harmonies

Analogous

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



93E7B2



63EAD9



47E8FF

Triad

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



63EAD9



E1C9FF



FFC790

Complementary

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



63EAD9



EA6374

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.



FFBCAC



63EAD9



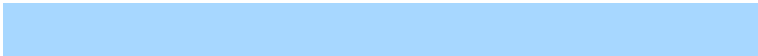
FFBDF8

Square

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



63EAD9



A7D7FF



FFB7D1



EAD487

Rectangle

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



63EAD9



58E5FF



FFB7D1



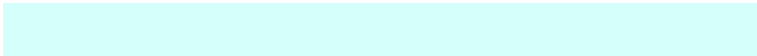
FFC398

Sweetspot

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



63EAD9



D4FFFA



75EA63



66807C



000000



808080

Same Dimension

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



63EAD9



4FFFE9



63B9EA



6A7574



00B59E



00362F

Inverse Universe

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



EA6374



FF4F65



EA9563



756A6B



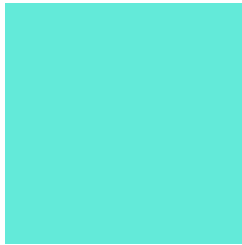
B50017



360007

Previews

White Background



This preview shows how the Hex color 63EAD9 looks on a white background.

Color Contrast Check

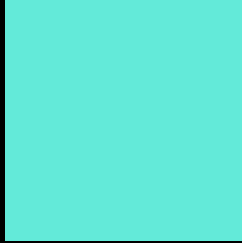
Large Text (above 18pt) WCAG AA × Fail

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 63EAD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

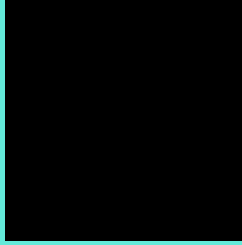
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

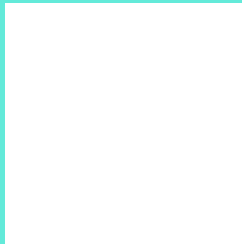
Any Text WCAG AAA ✓ Pass

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

Hex 63EAD9 Background



This preview shows how black text looks on a background with the Hex color 63EAD9.

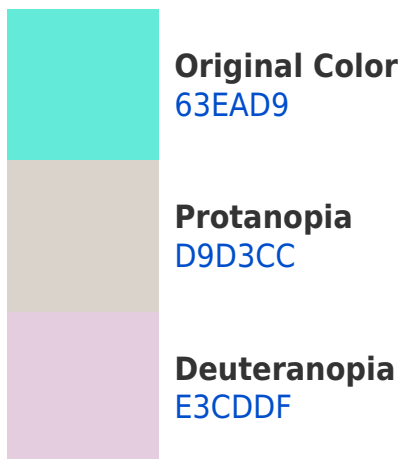


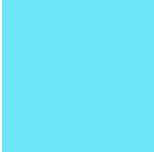
This preview shows how white text looks on a background with the Hex color 63EAD9.

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



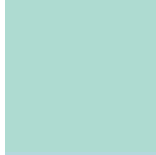


Tritanopia
6FE5F8

Trichromacy



Original Color
63EAD9



Protanomaly
AEDBD1



Deuteranomaly
B4D8DD

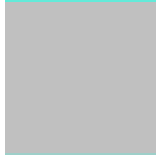


Tritanomaly
6BE7ED

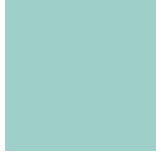
Monochromacy



Original Color
63EAD9



Achromatopsia
C0C0C0



Achromatomaly
9ECFC9

CSS Examples

Text

The CSS property to change the color of the text to Hex 63EAD9 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 #63EAD9 looks like.

```
.text, #text, p{  
    color:#63EAD9  
}
```

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 #63EAD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63EAD9
}
```

Border

The CSS property to change the border of an element to Hex 63EAD9 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
#63EAD9 }
```

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

```
.border{ border-color:#63EAD9 }
```

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

Here you see how a box with a 4 pixel #63EAD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63EAD9; -webkit-box-shadow:4px 4px  
4px 4px #63EAD9; box-shadow:4px 4px 4px  
4px #63EAD9 }
```

Background

The CSS property to change the background color of an element to Hex 63EAD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63EAD9 }
```

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

```
.background{ background-color:#63EAD9 }
```

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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