

Converting Colors

Hex(63E2E2)

Have a look what the booklet for
Hex(63E2E2) contains.

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Color

Hex(63E2E2)

Conversions

Conversions Part 1

Format	Color
Hex	63E2E2
RGB	99, 226, 226
RGB Percent	39%, 89%, 89%
CMY	0.6118, 0.1137, 0.1137
CMYK	0.56, 0.00, 0.00, 0.11
HSL	180°, 69%, 64%
HSV	180°, 56%, 89%
XYZ	46.0694, 62.5363, 81.5941
YIQ	188.0270, -75.6920, -26.9240

Conversions

Conversions Part 2

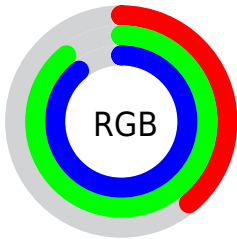
Format	Color
R _Y B	99, 163, 226
Decimal	6546146
CIE Lab	83.20, -34.82, -10.63
CIE LCh	83, 36.403, 196.980
Yxy	62.5363, 0.2422, 0.3288
Android (android.graphics.Color)	4284736226 (0xFF63E2E2)
YUV	188.0270, 18.7207, -78.0767
Hunter-Lab	79.0799, -34.4015, -5.8191

Details

The Hex color **63E2E2** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E26363**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A1FFFF**, and **0EAAAB** is the 20% darker color. If you saturate the color by 10%, you get **4CE2E2**, and if you desaturate by 10%, it is **7AE2E2**.

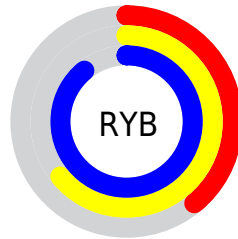
Distribution



Red (39%)

Green (89%)

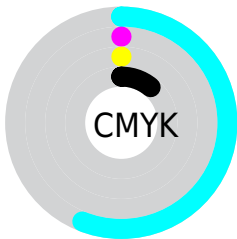
Blue (89%)



Red (39%)

Yellow (64%)

Blue (89%)

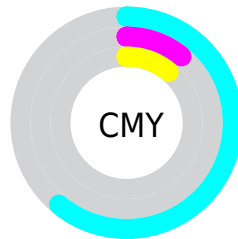


Cyan (56%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (61%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63E2E2 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 63E2E2 by changing the saturation by 10% instead.

 63E2E2

 63E2E2

FFFFFF

 41C6C6

 A1FFFF

 0EAAAB

 BFFFFFF

 008F90

 DDFFFF

 007577

 FCFFFF

 005C5E

 004446

 002D30

 00141C

 000000

 63E2E2

 63E2E2

 4CE2E2

 7AE2E2

 36E2E2

 90E2E2

 1FE2E2

 A7E2E2

 09E2E2

 BDE2E2

 00E2E2

 D4E2E2

 EBE2E2

 FFE2E2

Harmonies

Analogous

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



84E1BF



63E2E2



63DFFF

Triad

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



63E2E2



ECC0FE



F4C88D

Complementary

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



63E2E2



E26363

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.



FFBD9F



63E2E2



FFB7E0

Square

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



63E2E2



BFCFF



FFB6BD



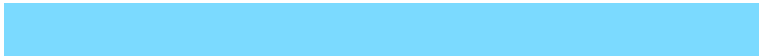
D3D38D

Rectangle

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



63E2E2



7BDAFF



FFB6BD



FEC491

Sweetspot

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



63E2E2



D4FFFF



63E263



668080



000000



808080

Same Dimension

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



63E2E2



54FFFF



63A3E2



657070



00B0B0



003030

Inverse Universe

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



E263E2



FF54FF



E2A363



706570



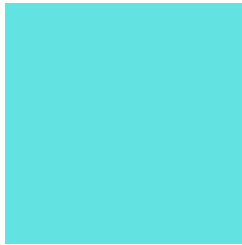
B000B0



300030

Previews

White Background



This preview shows how the Hex color 63E2E2 looks on a white background.

Color Contrast Check

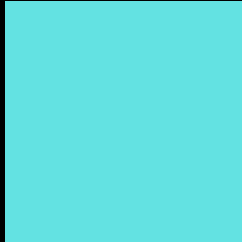
Large Text (above 18pt) WCAG AA × Fail

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 63E2E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

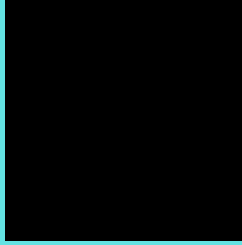
Any Text WCAG AA ✓ Pass

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 63E2E2 Background



This preview shows how black text looks on a background with the Hex color 63E2E2.

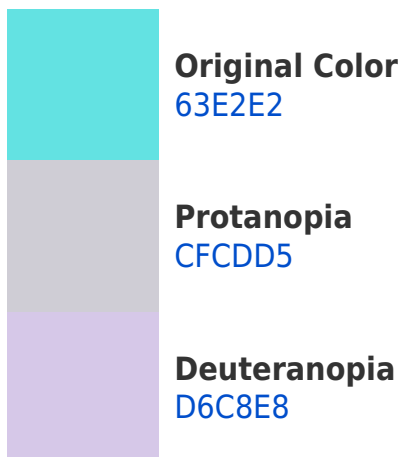


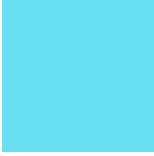
This preview shows how white text looks on a background with the Hex color 63E2E2.

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
69E0F2

Trichromacy



Original Color
63E2E2



Protanomaly
A8D5DA



Deuteranomaly
ACD1E6

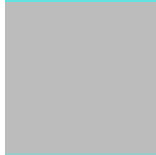


Tritanomaly
67E1EC

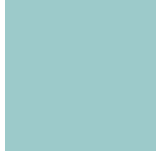
Monochromacy



Original Color
63E2E2



Achromatopsia
BCBCBC



Achromatomaly
9CCACA

CSS Examples

Text

The CSS property to change the color of the text to Hex 63E2E2 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 #63E2E2 looks like.

```
.text, #text, p{  
    color:#63E2E2  
}
```

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 #63E2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63E2E2
}
```

Border

The CSS property to change the border of an element to Hex 63E2E2 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
#63E2E2 }
```

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

```
.border{ border-color:#63E2E2 }
```

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

Here you see how a box with a 4 pixel #63E2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63E2E2; -webkit-box-shadow:4px 4px  
4px 4px #63E2E2; box-shadow:4px 4px 4px  
4px #63E2E2 }
```

Background

The CSS property to change the background color of an element to Hex 63E2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63E2E2 }
```

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

```
.background{ background-color:#63E2E2 }
```

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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