

# Converting Colors

Hex(63F2E5)

Have a look what the booklet for  
Hex(63F2E5) contains.

<b>Hex(63F2E5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(63F2E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63F2E5
RGB	99, 242, 229
RGB Percent	39%, 95%, 90%
CMY	0.6118, 0.0510, 0.1020
CMYK	0.59, 0.00, 0.05, 0.05
HSL	175°, 85%, 67%
HSV	175°, 59%, 95%
XYZ	51.0406, 71.8141, 85.3001
YIQ	197.7610, -81.0550, -34.3590

# Conversions

## Conversions Part 2

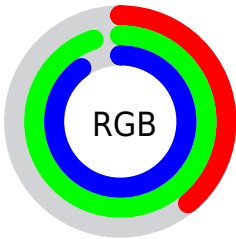
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 174, 242
Decimal	6550245
CIE <sub>Lab</sub>	87.88, -41.35, -5.27
CIE <sub>LCh</sub>	88, 41.681, 187.263
Yxy	71.8141, 0.2452, 0.3450
Android (android.graphics.Color)	4284740325 (0xFF63F2E5)
YUV	197.7610, 15.4008, -86.6134
Hunter-Lab	84.7432, -40.7905, -0.3594

# Details

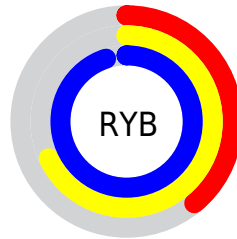
The Hex color **63F2E5** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F26370**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A2FFFF**, and **00B9AE** is the 20% darker color. If you saturate the color by 10%, you get **4BF2E3**, and if you desaturate by 10%, it is **7BF2E7**.

# Distribution



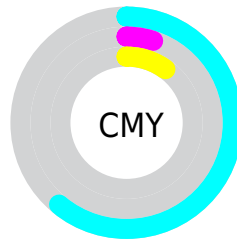
- Red (39%)
- Green (95%)
- Blue (90%)



- Red (39%)
- Yellow (68%)
- Blue (95%)



- Cyan (59%)
- Magenta (0%)
- Yellow (5%)
- Black (5%)



- Cyan (61%)
- Magenta (5%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63F2E5 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 63F2E5 by changing the saturation by 10% instead.



 63F2E5

 63F2E5

FFFFFF

 3FD5C9

 A2FFFF

 00B9AE

 C1FFFF


 009E93

 E0FFFF

 008379

FEFFFF

 006961

 005049

 003833

 00231D

 000004

 63F2E5

 63F2E5

 4BF2E3

 7BF2E7

 33F2E1

 93F2E9

 1AF2DE

 ACF2EC

 02F2DC

 C4F2EE

 00F2DC

 DCF2F0

 F4F2F2

 FFF2F4

 FFF2F7

 FFF2F9

# Harmonies

## Analogous

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



93EFBC



63F2E5



4CF0FF

# Triad

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



63F2E5



EECFFF



FFD094

# Complementary

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



63F2E5



F26370

# 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.



FFC3AE



63F2E5



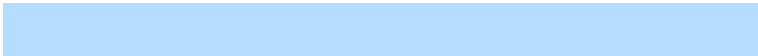
FFC2FC

# Square

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



63F2E5



B5DDFF



FFBED4



EEDD8D

# Rectangle

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



63F2E5



63ECFF



FFBED4



FFCB9B

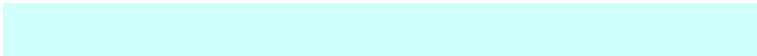


# Sweetspot

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



63F2E5



D1FFFB



71F263



63807D



000000



808080



# Same Dimension

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



63F2E5



4AFFEF



63B9F2



6C7877



00B8A7



003833



# Inverse Universe

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



F26370



FF4A5A



F29C63



786C6D



B80011

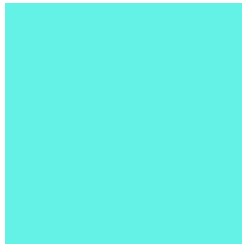


380005



# Previews

## White Background



This preview shows how the Hex color 63F2E5 looks on a white background.

## Color Contrast Check

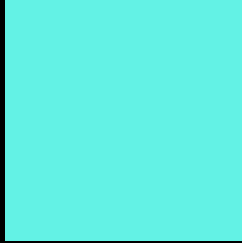
Large Text (above 18pt) WCAG AA × Fail

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 63F2E5 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 63F2E5 Background



This preview shows how black text looks on a background with the Hex color 63F2E5.

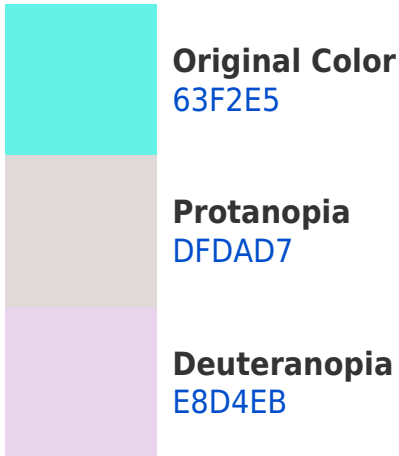


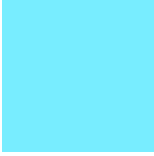
This preview shows how white text looks on a background with the Hex color 63F2E5.

# 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**  
78EDFF

# Trichromacy



**Original Color**  
63F2E5



**Protanomaly**  
B2E3DC



**Deuteranomaly**  
B8DFE9

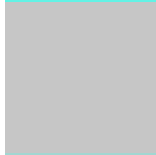


**Tritanomaly**  
70EFF6

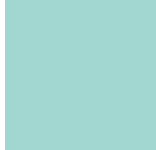
# Monochromacy



**Original Color**  
63F2E5



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
A2D6D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63F2E5 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 #63F2E5 looks like.

```
.text, #text, p{  
    color:#63F2E5  
}
```

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 #63F2E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63F2E5
}
```

## Border

The CSS property to change the border of an element to Hex 63F2E5 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
#63F2E5 }
```

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

```
.border{ border-color:#63F2E5 }
```

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

Here you see how a box with a 4 pixel #63F2E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63F2E5; -webkit-box-shadow:4px 4px  
4px 4px #63F2E5; box-shadow:4px 4px 4px  
4px #63F2E5 }
```

# Background

The CSS property to change the background color of an element to Hex 63F2E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63F2E5 }
```

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

```
.background{ background-color:#63F2E5 }
```

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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