

# Converting Colors

Hex(60E2BE)

Have a look what the booklet for  
Hex(60E2BE) contains.

<b>Hex(60E2BE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(60E2BE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60E2BE
RGB	96, 226, 190
RGB Percent	38%, 89%, 75%
CMY	0.6235, 0.1137, 0.2549
CMYK	0.58, 0.00, 0.16, 0.11
HSL	163°, 69%, 63%
HSV	163°, 58%, 89%
XYZ	41.3145, 60.5972, 58.2341
YIQ	183.0260, -65.9240, -38.7560

# Conversions

## Conversions Part 2

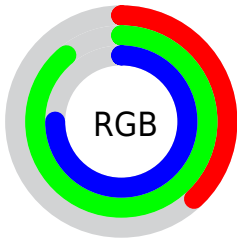
Format	Color
<a href="#">RYB</a>	<a href="#">96, 171, 226</a>
Decimal	<a href="#">6349502</a>
CIELab	<a href="#">82.16, -44.36, 6.90</a>
CIElCh	<a href="#">82, 44.890, 171.157</a>
Yxy	<a href="#">60.5972, 0.2580, 0.3784</a>
Android (android.graphics.Color)	<a href="#">4284539582</a> ( <a href="#">0xFF60E2BE</a> )
YUV	<a href="#">183.0260, 3.4382, -76.3218</a>
Hunter-Lab	<a href="#">77.8442, -41.4915, 10.1370</a>

# Details

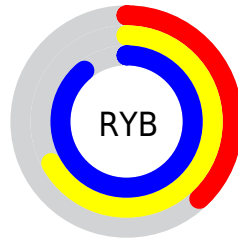
The Hex color **60E2BE** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E26084**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **9CFFF6**, and **0FAA89** is the 20% darker color. If you saturate the color by 10%, you get **49E2B8**, and if you desaturate by 10%, it is **77E2C4**.

# Distribution



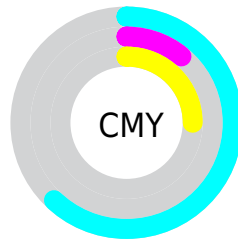
- Red (38%)
- Green (89%)
- Blue (75%)



- Red (38%)
- Yellow (67%)
- Blue (89%)



- Cyan (58%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60E2BE 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 60E2BE by changing the saturation by 10% instead.



 60E2BE

 60E2BE


FFFFFF

 3FC6A3

 9CFFF6

 0FAA89

 BAFFFF

 008F6F

 D8FFFF

 007557

 F7FFFF

 005B40

 00422A

 002C15

 000E00

 000000

 60E2BE

 60E2BE

 49E2B8

 77E2C4

 33E2B1

 8DE2CB

 1CE2AB

 A4E2D1

 06E2A5

 BAE2D7

 00E2A3

 D1E2DD

 E8E2E4

 FEE2EA

 FFE2F0

 FFE2F6

# Harmonies

## Analogous

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



99DD96



60E2BE



04E3E9

# Triad

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



60E2BE



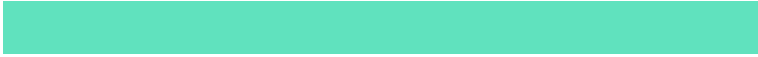
BFC6FF



FFB78C

# Complementary

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



60E2BE



E26084

# 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.



FFADB0



60E2BE



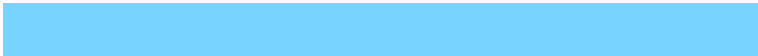
F5B7FF

# Square

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



60E2BE



77D4FF



FFACDB



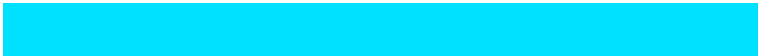
F3C679

# Rectangle

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



60E2BE



00E0FF



FFACDB



FFB397

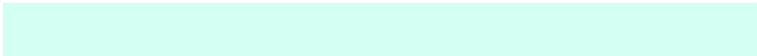


# Sweetspot

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



60E2BE



D4FFF3



85E260



668078



000000



808080



# Same Dimension

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



60E2BE



4FFFCE



60C6E2



65706D



00B07F



003023



# Inverse Universe

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



E26084



FF4F80



E27C60



706568



B00031

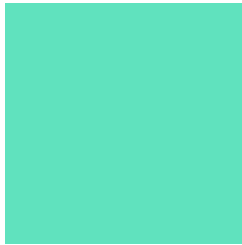


30000D



# Previews

## White Background



This preview shows how the Hex color 60E2BE looks on a white background.

## Color Contrast Check

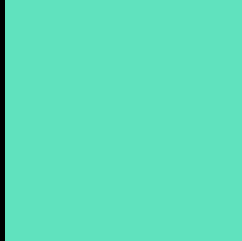
Large Text (above 18pt) WCAG AA × Fail

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 60E2BE 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 60E2BE Background



This preview shows how black text looks on a background with the Hex color 60E2BE.

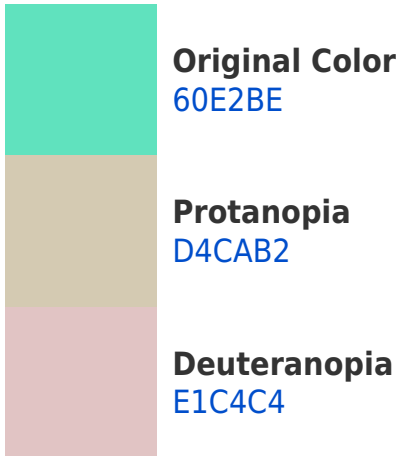


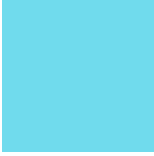
This preview shows how white text looks on a background with the Hex color 60E2BE.

# 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**  
70DBED

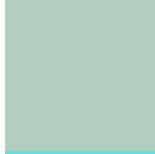
# Trichromacy



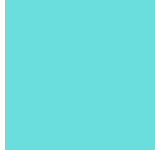
**Original Color**  
60E2BE



**Protanomaly**  
AAD3B6



**Deuteranomaly**  
B2CFC2

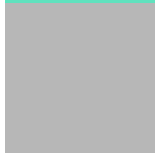


**Tritanomaly**  
6AEDDC

# Monochromacy



**Original Color**  
60E2BE



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
97C7BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60E2BE 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 #60E2BE looks like.

```
.text, #text, p{  
    color:#60E2BE  
}
```

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 #60E2BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60E2BE  
}
```

## Border

The CSS property to change the border of an element to Hex 60E2BE 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  
#60E2BE }
```

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

```
.border{ border-color:#60E2BE }
```

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

Here you see how a box with a 4 pixel #60E2BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60E2BE; -webkit-box-shadow:4px 4px  
4px 4px #60E2BE; box-shadow:4px 4px 4px  
4px #60E2BE }
```

# Background

The CSS property to change the background color of an element to Hex 60E2BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60E2BE }
```

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

```
.background{ background-color:#60E2BE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor