

# Converting Colors

Hex(60E5A1)

Have a look what the booklet for  
Hex(60E5A1) contains.

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# **Color**

**Hex(60E5A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60E5A1
RGB	96, 229, 161
RGB Percent	38%, 90%, 63%
CMY	0.6235, 0.1020, 0.3686
CMYK	0.58, 0.00, 0.30, 0.10
HSL	149°, 72%, 64%
HSV	149°, 58%, 90%
XYZ	39.2762, 61.0986, 43.4414
YIQ	181.4810, -57.4400, -49.3440

# Conversions

## Conversions Part 2

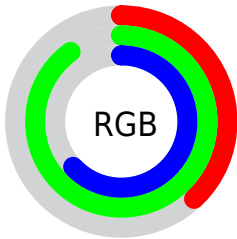
Format	Color
<b>RYB</b>	96, 185, 229
Decimal	6350241
CIELab	82.43, -51.85, 22.47
CIELCh	82, 56.515, 156.567
Yxy	61.0986, 0.2731, 0.4248
Android (android.graphics.Color)	4284540321 (0xFF60E5A1)
YUV	181.4810, -10.0971, -74.9668
Hunter-Lab	78.1656, -47.0982, 21.7649

# Details

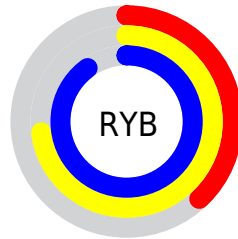
The Hex color **60E5A1** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E560A4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9CFFD8**, and **10AC6D** is the 20% darker color. If you saturate the color by 10%, you get **49E595**, and if you desaturate by 10%, it is **77E5AD**.

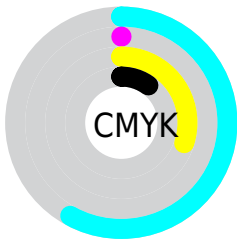
# Distribution



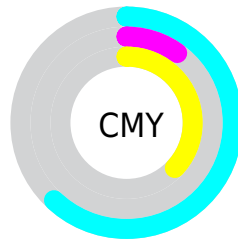
- Red (38%)
- Green (90%)
- Blue (63%)



- Red (38%)
- Yellow (73%)
- Blue (90%)



- Cyan (58%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (62%)
- Magenta (10%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60E5A1 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 60E5A1 by changing the saturation by 10% instead.



 60E5A1

 60E5A1


FFFFFF

 3FC887

 9CFFD8

 10AC6D

 BAFFF5

 009154

 D8FFFF

 00773D

 F6FFFF

 005D26

 004410

 002E00

 001000

 000000

 60E5A1

 60E5A1

 49E595

 77E5AD

 32E58A

 8EE5B8

 1BE57E

 A5E5C4

 04E572

 BCE5D0

 00E570

 D3E5DC

 E9E5E7

 FFE5F3

 FFE5FF

# Harmonies

## Analogous

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



A9DC75



60E5A1



00E8D7

# Triad

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



60E5A1



89CFFF



FFA991

# Complementary

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



60E5A1



E560A4

# 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.



FFA0C3



60E5A1



E1BBFF

# Square

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



60E5A1



00DEFF



FFA8F8



FFBB6C

# Rectangle

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



60E5A1



00E8FB



FFA8F8



FFA5A1

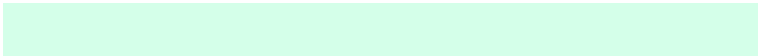


# Sweetspot

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



60E5A1



D4FFE9



A5E560



668072



000000



808080



# Same Dimension

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



60E5A1



4DFFA4



60E5E3



67736D



00B357



003319



# Inverse Universe

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



E560A4



FF4DA8



E56062



73676D



B3005B

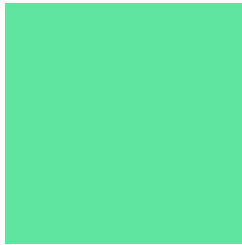


33001A



# Previews

## White Background



This preview shows how the Hex color 60E5A1 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 60E5A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

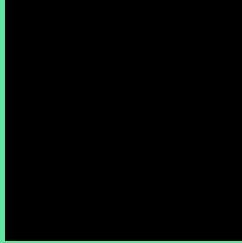
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60E5A1 Background



This preview shows how black text looks on a background with the Hex color 60E5A1.

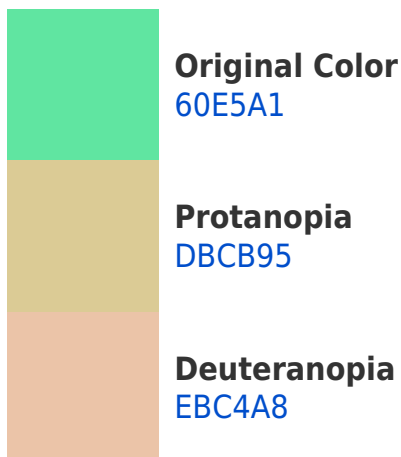


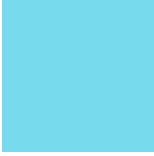
This preview shows how white text looks on a background with the Hex color 60E5A1.

# 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](#).

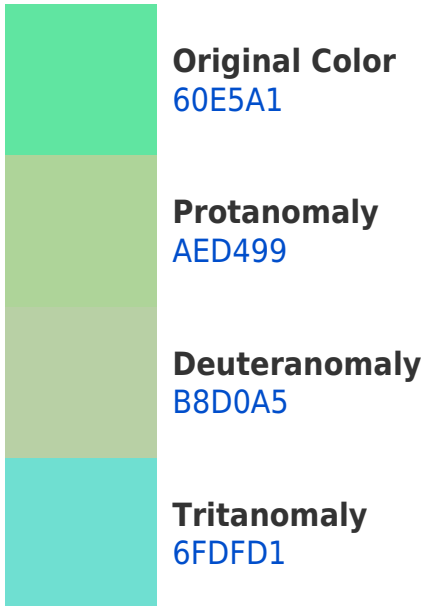
## Dichromacy



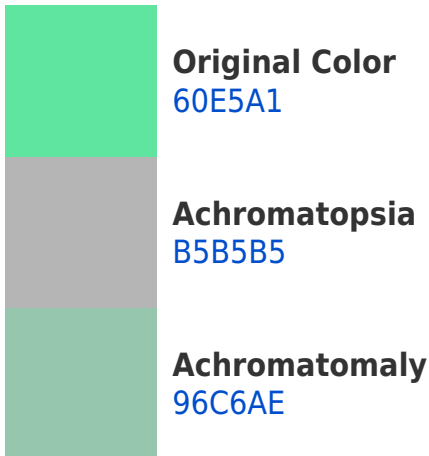


**Tritanopia**  
77DBED

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60E5A1 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 #60E5A1 looks like.

```
.text, #text, p{  
    color:#60E5A1  
}
```

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 #60E5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60E5A1
}
```

## Border

The CSS property to change the border of an element to Hex 60E5A1 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
#60E5A1 }
```

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

```
.border{ border-color:#60E5A1 }
```

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

Here you see how a box with a 4 pixel #60E5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60E5A1; -webkit-box-shadow:4px 4px  
4px 4px #60E5A1; box-shadow:4px 4px 4px  
4px #60E5A1 }
```

# Background

The CSS property to change the background color of an element to Hex 60E5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60E5A1 }
```

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

```
.background{ background-color:#60E5A1 }
```

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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