

# Converting Colors

Hex(61D9B5)

Have a look what the booklet for  
Hex(61D9B5) contains.

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**Color**

**Hex(61D9B5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61D9B5
RGB	97, 217, 181
RGB Percent	38%, 85%, 71%
CMY	0.6196, 0.1490, 0.2902
CMYK	0.55, 0.00, 0.17, 0.15
HSL	162°, 61%, 62%
HSV	162°, 55%, 85%
XYZ	38.0831, 55.5033, 52.4221
YIQ	177.0160, -59.9640, -36.6360

# Conversions

## Conversions Part 2

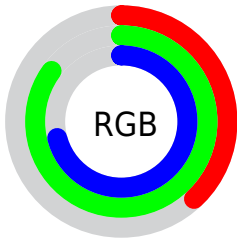
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 168, 217
Decimal	6412725
CIELab	79.33, -42.30, 7.61
CIElCh	79, 42.975, 169.800
Yxy	55.5033, 0.2608, 0.3801
Android (android.graphics.Color)	4284602805 (0xFF61D9B5)
YUV	177.0160, 1.9641, -70.1740
Hunter-Lab	74.5005, -39.1305, 10.4311

# Details

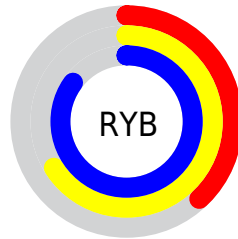
The Hex color **61D9B5** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D96185**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9CFFED**, and **19A180** is the 20% darker color. If you saturate the color by 10%, you get **4BD9AE**, and if you desaturate by 10%, it is **77D9BC**.

# Distribution



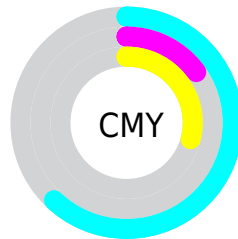
- Red (38%)
- Green (85%)
- Blue (71%)



- Red (38%)
- Yellow (66%)
- Blue (85%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)



- Cyan (62%)
- Magenta (15%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61D9B5 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 61D9B5 by changing the saturation by 10% instead.



 61D9B5

 61D9B5

FFFFFF

 42BD9A

 9CFFED

 19A180

 BAFFFF

 008767

 D7FFFF

 006D4F

 F5FFFF

 005338

 003B23

 00260D

 000000

 61D9B5

 61D9B5

 4BD9AE

 77D9BC

 36D9A8

 8CD9C2

 20D9A1

 A2D9C9

 0AD99B

 B8D9CF

 00D998

 CDD9D6

 E3D9DC

 F9D9E3

 FFD9E9

 FFD9F0

# Harmonies

## Analogous

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



96D48F



61D9B5



1BDADE

# Triad

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



61D9B5



B5BFFF



FFB089

# Complementary

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



61D9B5



D96185

# 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.



FFA6AB



61D9B5



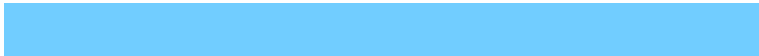
E9B1F9

# Square

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



61D9B5



71CDFE



FFA7D4



EBBD75

# Rectangle

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



61D9B5



00D8F6



FFA7D4



FFAC93

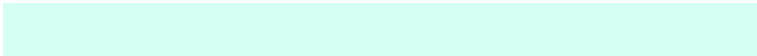


# Sweetspot

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



61D9B5



D4FFF2



85D961



668078



000000



808080



# Same Dimension

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



61D9B5



57FFCD



61C1D9



636E6A



00AD79



002E20



# Inverse Universe

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



D96185



FF5789



D97961



6E6366



AD0034

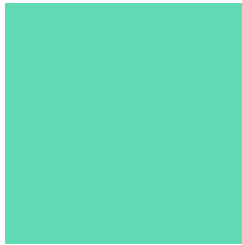


2E000E



# Previews

## White Background



This preview shows how the Hex color 61D9B5 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 61D9B5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

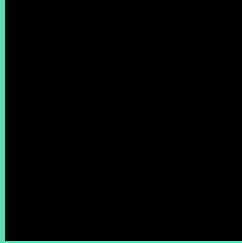
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

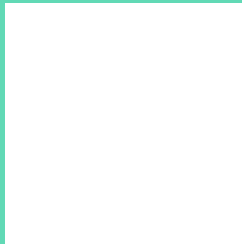
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 61D9B5 Background



This preview shows how black text looks on a background with the Hex color 61D9B5.

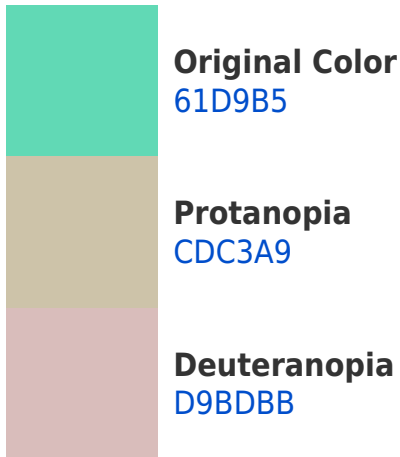


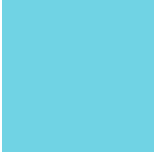
This preview shows how white text looks on a background with the Hex color 61D9B5.

# 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**  
70D3E4

# Trichromacy



**Original Color**  
61D9B5



**Protanomaly**  
A6CBAD



**Deuteranomaly**  
ADC7B9

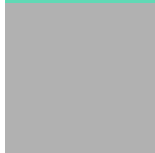


**Tritanomaly**  
6BD5D3

# Monochromacy



**Original Color**  
61D9B5



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
94C0B2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61D9B5 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 #61D9B5 looks like.

```
.text, #text, p{  
    color:#61D9B5  
}
```

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 #61D9B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61D9B5  
}
```

## Border

The CSS property to change the border of an element to Hex 61D9B5 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  
#61D9B5 }
```

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

```
.border{ border-color:#61D9B5 }
```

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

Here you see how a box with a 4 pixel #61D9B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61D9B5; -webkit-box-shadow:4px 4px  
4px 4px #61D9B5; box-shadow:4px 4px 4px  
4px #61D9B5 }
```

# Background

The CSS property to change the background color of an element to Hex 61D9B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61D9B5 }
```

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

```
.background{ background-color:#61D9B5 }
```

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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