

# Converting Colors

Hex(60DB91)

Have a look what the booklet for  
Hex(60DB91) contains.

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**Color**

**Hex(60DB91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60DB91
RGB	96, 219, 145
RGB Percent	38%, 86%, 57%
CMY	0.6235, 0.1412, 0.4314
CMYK	0.56, 0.00, 0.34, 0.14
HSL	144°, 63%, 62%
HSV	144°, 56%, 86%
XYZ	35.2662, 55.1942, 35.5829
YIQ	173.7870, -49.5540, -49.0900

# Conversions

## Conversions Part 2

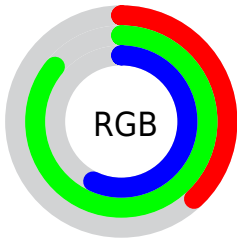
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 184, 219
Decimal	6347665
CIELab	79.15, -50.85, 26.30
CIELCh	79, 57.250, 152.656
Yxy	55.1942, 0.2798, 0.4379
Android (android.graphics.Color)	4284537745 (0xFF60DB91)
YUV	173.7870, -14.1920, -68.2192
Hunter-Lab	74.2928, -45.2797, 23.6077

# Details

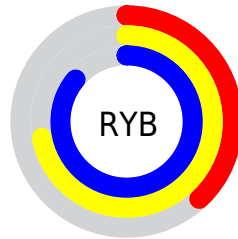
The Hex color **60DB91** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **DB60AA**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **9BFFC7**, and **18A35E** is the 20% darker color. If you saturate the color by 10%, you get **4ADB84**, and if you desaturate by 10%, it is **76DB9E**.

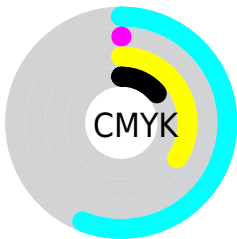
# Distribution



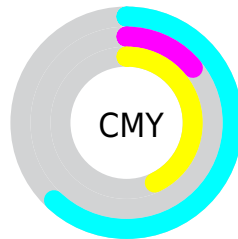
- Red (38%)
- Green (86%)
- Blue (57%)



- Red (38%)
- Yellow (72%)
- Blue (86%)



- Cyan (56%)
- Magenta (0%)
- Yellow (34%)
- Black (14%)



- Cyan (62%)
- Magenta (14%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60DB91 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 60DB91 by changing the saturation by 10% instead.



 60DB91

 60DB91

FFFFFF

 40BF77

 9BFFC7

 18A35E

 B8FFE3

 008846

 D6FFFF

 006E2E

 F4FFFF

 005418

 003C00

 002600

 000000

 60DB91

 60DB91

 4ADB84

 76DB9E

 34DB77

 8CDBAB

 1EDB69

 A2DBB9

 08DB5C

 B8DBC6

 00DB57

 CDDBD3

 E3DBE0

 F9DBED

 FFDBFA

 FFDBFF

# Harmonies

## Analogous

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



A8D266



60DB91



00DFC7

# Triad

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



60DB91



6CC8FF



FF9D8D

# Complementary

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



60DB91



DB60AA

# 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.



FF96C1



60DB91



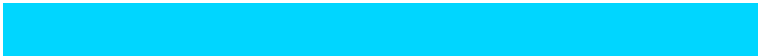
CEB4FF

# Square

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



60DB91



00D6FF



FFA0F6



FFAF65

# Rectangle

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



60DB91



00DFEB



FFA0F6



FF999E

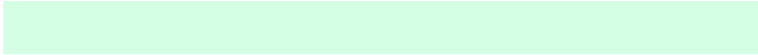


# Sweetspot

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



60DB91



D4FFE5



ACDB60



668070



000000



808080



# Same Dimension

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



60DB91



54FF98



60DBCD



636E67



00AD45



002E12



# Inverse Universe

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



DB60AA



FF54BB



DB606E



6E6369



AD0068

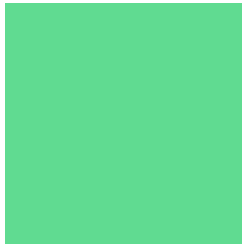


2E001C



# Previews

## White Background



This preview shows how the Hex color 60DB91 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 60DB91 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

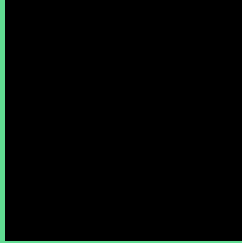
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60DB91 Background



This preview shows how black text looks on a background with the Hex color 60DB91.



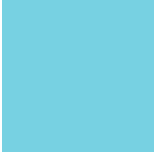
This preview shows how white text looks on a background with the Hex color 60DB91.

# 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**  
77D1E2

# Trichromacy



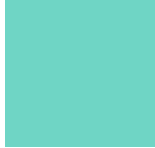
**Original Color**  
60DB91



**Protanomaly**  
A9CB8B



**Deuteranomaly**  
B4C795



**Tritanomaly**  
6FD5C5

# Monochromacy



**Original Color**  
60DB91



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
92BEA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60DB91 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 #60DB91 looks like.

```
.text, #text, p{  
    color:#60DB91  
}
```

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 #60DB91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60DB91
}
```

## Border

The CSS property to change the border of an element to Hex 60DB91 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
#60DB91 }
```

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

```
.border{ border-color:#60DB91 }
```

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

Here you see how a box with a 4 pixel #60DB91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60DB91; -webkit-box-shadow:4px 4px  
4px 4px #60DB91; box-shadow:4px 4px 4px  
4px #60DB91 }
```

# Background

The CSS property to change the background color of an element to Hex 60DB91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60DB91 }
```

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

```
.background{ background-color:#60DB91 }
```

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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