

# Converting Colors

Hex(6BD591)

Have a look what the booklet for  
Hex(6BD591) contains.

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**Color**

**Hex(6BD591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BD591
RGB	107, 213, 145
RGB Percent	42%, 84%, 57%
CMY	0.5804, 0.1647, 0.4314
CMYK	0.50, 0.00, 0.32, 0.16
HSL	142°, 56%, 63%
HSV	142°, 50%, 84%
XYZ	34.9685, 52.7586, 35.1285
YIQ	173.5540, -41.3480, -43.6200

# Conversions

## Conversions Part 2

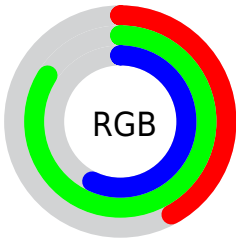
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 185, 213
Decimal	7067025
CIELab	77.73, -45.74, 24.44
CIELCh	78, 51.861, 151.889
Yxy	52.7586, 0.2846, 0.4294
Android (android.graphics.Color)	4285257105 (0xFF6BD591)
YUV	173.5540, -14.0771, -58.3679
Hunter-Lab	72.6351, -41.1768, 22.1702

# Details

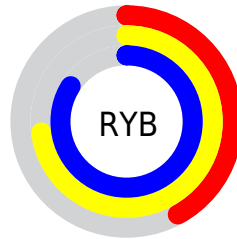
The Hex color **6BD591** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D56BAF**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **A4FFC7**, and **2F9D5E** is the 20% darker color. If you saturate the color by 10%, you get **56D583**, and if you desaturate by 10%, it is **80D59F**.

# Distribution



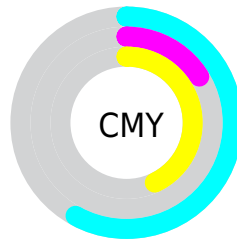
- Red (42%)
- Green (84%)
- Blue (57%)



- Red (42%)
- Yellow (73%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (32%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BD591 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 6BD591 by changing the saturation by 10% instead.



 6BD591

 6BD591

FFFFFF

 4EB977

 A4FFC7

 2F9D5E

 C1FFE3

 008346

 DEFFFF

 00692F

 FCFFFF

 005018

 003800


 002200

 000000

 6BD591

 6BD591

 56D583

 80D59F

 40D576

 96D5AC

 2BD568

 ABD5BA

 16D55A

 C0D5C8

 01D54D

 D5D5D5

 00D54C

 EBD5E3

 FFD5F1

 FFD5FE

 FFD5FF

# Harmonies

## Analogous

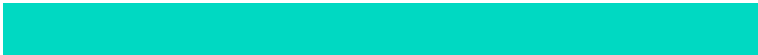
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9CC6C



6BD591



00D9C2

# Triad

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



6BD591



74C4FF



FF9E90

# Complementary

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



6BD591



D56BAF

# 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.



FF98BF



6BD591



C8B2FF

# Square

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



6BD591



00D1FF



FEA1EE



FFAD6C

# Rectangle

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



6BD591



00D9E2



FEA1EE



FF9A9F

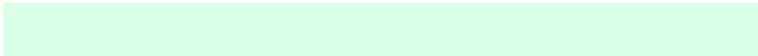


# Sweetspot

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



6BD591



D9FFE6



B0D56B



698071



000000



808080



# Same Dimension

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



6BD591



66FF9D



6BD5C5



606B64



00AB3D



002B10



# Inverse Universe

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



D56BAF



FF66C8



D56B7B



6B6067



AB006E

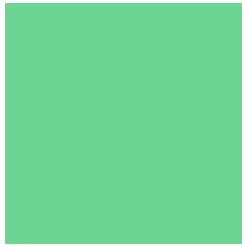


2B001C



# Previews

## White Background



This preview shows how the Hex color 6BD591 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 6BD591 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

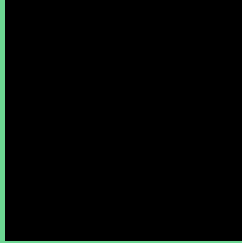
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BD591 Background



This preview shows how black text looks on a background with the Hex color 6BD591.

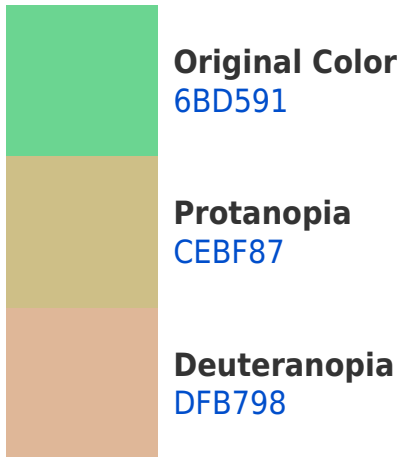


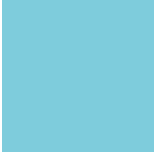
This preview shows how white text looks on a background with the Hex color 6BD591.

# 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





# Trichromacy



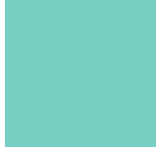
**Original Color**  
6BD591



**Protanomaly**  
AAC78B



**Deuteranomaly**  
B5C295



**Tritanomaly**  
77CFC1

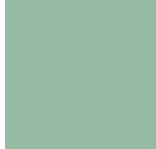
# Monochromacy



**Original Color**  
6BD591



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
96BCA3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BD591 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 #6BD591 looks like.

```
.text, #text, p{  
    color:#6BD591  
}
```

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 #6BD591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD591
}
```

## Border

The CSS property to change the border of an element to Hex 6BD591 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
#6BD591 }
```

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

```
.border{ border-color:#6BD591 }
```

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

Here you see how a box with a 4 pixel #6BD591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD591; -webkit-box-shadow:4px 4px  
4px 4px #6BD591; box-shadow:4px 4px 4px  
4px #6BD591 }
```

# Background

The CSS property to change the background color of an element to Hex 6BD591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD591 }
```

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

```
.background{ background-color:#6BD591 }
```

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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