

# Converting Colors

Hex(6EE091)

Have a look what the booklet for  
Hex(6EE091) contains.

<b>Hex(6EE091)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6EE091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EE091
RGB	110, 224, 145
RGB Percent	43%, 88%, 57%
CMY	0.5686, 0.1216, 0.4314
CMYK	0.51, 0.00, 0.35, 0.12
HSL	138°, 65%, 65%
HSV	138°, 51%, 88%
XYZ	38.1969, 58.6706, 36.0994
YIQ	180.9080, -42.5850, -48.7370

# Conversions

## Conversions Part 2

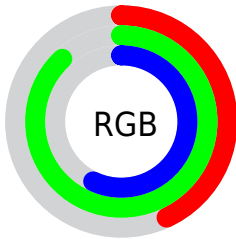
Format	Color
<a href="#">RYB</a>	<a href="#">110, 197, 224</a>
Decimal	<a href="#">7266449</a>
<a href="#">CIELab</a>	<a href="#">81.11, -49.60, 29.01</a>
<a href="#">CIELCh</a>	<a href="#">81, 57.461, 149.680</a>
<a href="#">Yxy</a>	<a href="#">58.6706, 0.2873, 0.4412</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4285456529 (0xFF6EE091)</a>
<a href="#">YUV</a>	<a href="#">180.9080, -17.7026, -62.1863</a>
<a href="#">Hunter-Lab</a>	<a href="#">76.5968, -45.0308, 25.6748</a>

# Details

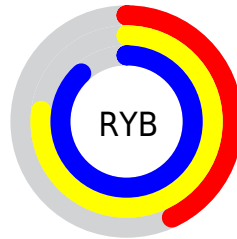
The Hex color **6EE091** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E06EBD**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **A8FFC7**, and **30A85E** is the 20% darker color. If you saturate the color by 10%, you get **58E081**, and if you desaturate by 10%, it is **84E0A1**.

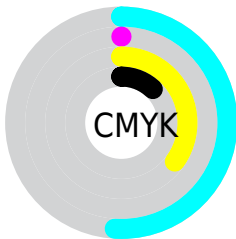
# Distribution



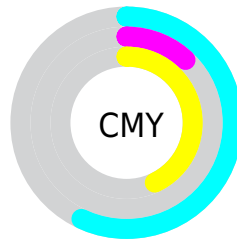
- Red (43%)
- Green (88%)
- Blue (57%)



- Red (43%)
- Yellow (77%)
- Blue (88%)



- Cyan (51%)
- Magenta (0%)
- Yellow (35%)
- Black (12%)



- Cyan (57%)
- Magenta (12%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EE091 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 6EE091 by changing the saturation by 10% instead.



 6EE091

 6EE091

FFFFFF

 50C477

 A8FFC7

 30A85E

 C5FFE4

 008D45

 E3FFFF

 00722E

 005917

 004000

 002B00

 000800

 000000

 6EE091

 6EE091

 58E081

 84E0A1

 41E072

 9BE0B0

 2BE062

 B1E0C0

 14E053

 C8E0CF

 00E045

 DEE0DF

 F4E0EE

 FFE0FE

 FFE0FF

# Harmonies

## Analogous

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



B3D668



6EE091



00E5C7

# Triad

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



6EE091



65CFFF



FFA197

# Complementary

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



6EE091



E06EBD

# 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.



FF9CCC



6EE091



CCBCFF

# Square

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



6EE091



00DDFF



FFA7FF



FFB36D

# Rectangle

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



6EE091



00E5EC



FFA7FF



FF9EA8

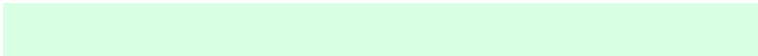


# Sweetspot

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



6EE091



D9FFE4



BEE06E



698070



000000



808080



# Same Dimension

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



6EE091



63FF93



6EE0C9



657068



00B036



00300F



# Inverse Universe

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



E06EBD



FF63CF



E06E85



70656D



B0007A

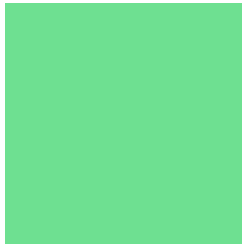


300022



# Previews

## White Background



This preview shows how the Hex color 6EE091 looks on a white background.

## Color Contrast Check

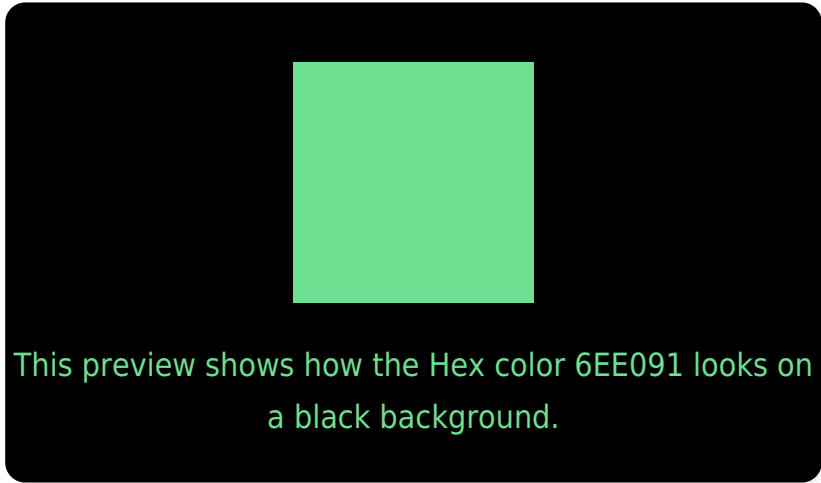
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 6EE091 Background



This preview shows how black text looks on a background with the Hex color 6EE091.

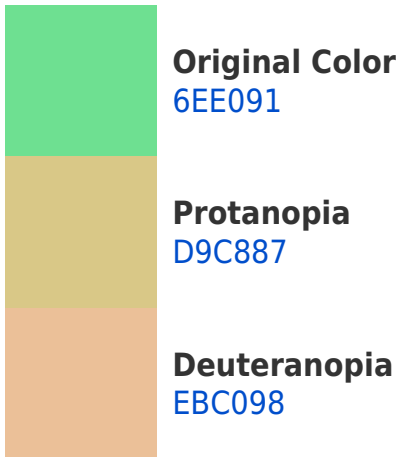


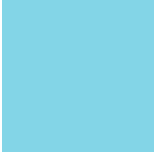
This preview shows how white text looks on a background with the Hex color 6EE091.

# 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**  
83D5E7

# Trichromacy



**Original Color**  
6EE091



**Protanomaly**  
B2D18B



**Deuteranomaly**  
BECC95



**Tritanomaly**  
7BD9C8

# Monochromacy



**Original Color**  
6EE091



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
9BC5A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EE091 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 #6EE091 looks like.

```
.text, #text, p{  
    color:#6EE091  
}
```

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 #6EE091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EE091
}
```

## Border

The CSS property to change the border of an element to Hex 6EE091 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
#6EE091 }
```

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

```
.border{ border-color:#6EE091 }
```

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

Here you see how a box with a 4 pixel #6EE091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EE091; -webkit-box-shadow:4px 4px  
4px 4px #6EE091; box-shadow:4px 4px 4px  
4px #6EE091 }
```

# Background

The CSS property to change the background color of an element to Hex 6EE091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EE091 }
```

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

```
.background{ background-color:#6EE091 }
```

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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