

# Converting Colors

Hex(64E391)

Have a look what the booklet for  
Hex(64E391) contains.

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**Color**

**Hex(64E391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64E391
RGB	100, 227, 145
RGB Percent	39%, 89%, 57%
CMY	0.6078, 0.1098, 0.4314
CMYK	0.56, 0.00, 0.36, 0.11
HSL	141°, 69%, 64%
HSV	141°, 56%, 89%
XYZ	37.8354, 59.6918, 36.3156
YIQ	179.6790, -49.3700, -52.4260

# Conversions

## Conversions Part 2

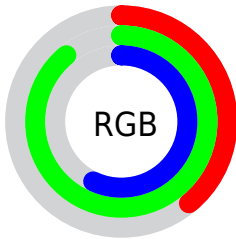
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 194, 227</a>
Decimal	<a href="#">6611857</a>
CIELab	<a href="#">81.67, -53.18, 29.70</a>
CIElCh	<a href="#">82, 60.913, 150.821</a>
Yxy	<a href="#">59.6918, 0.2827, 0.4460</a>
Android (android.graphics.Color)	<a href="#">4284801937 (0xFF64E391)</a>
YUV	<a href="#">179.6790, -17.0967, -69.8785</a>
Hunter-Lab	<a href="#">77.2605, -47.7921, 26.2136</a>

# Details

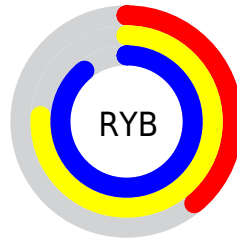
The Hex color **64E391** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **E364B6**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9FFFC7**, and **1DAB5E** is the 20% darker color. If you saturate the color by 10%, you get **4DE382**, and if you desaturate by 10%, it is **7BE3A0**.

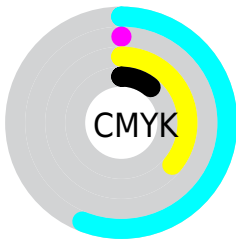
# Distribution



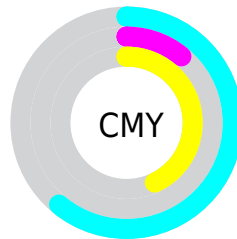
- Red (39%)
- Green (89%)
- Blue (57%)



- Red (39%)
- Yellow (76%)
- Blue (89%)



- Cyan (56%)
- Magenta (0%)
- Yellow (36%)
- Black (11%)



- Cyan (61%)
- Magenta (11%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64E391 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 64E391 by changing the saturation by 10% instead.



 64E391

 64E391

FFFFFF

 44C677

 9FFFC7

 1DAB5E

 BDFFE4

 008F45

 DBFFFF

 00752E

 F9FFFF

 005B16

 004200

 002C00

 000B00

 000000

 64E391

 64E391

 4DE382

 7BE3A0

 37E374

 91E3AE

 20E365

 A8E3BD

 09E356

 BFE3CC

 00E350

 D5E3DA

 ECE3E9

 FFE3F8

 FFE3FF

# Harmonies

## Analogous

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



B0D964



64E391



00E8CB

# Triad

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



64E391



5FD1FF



FFA094

# Complementary

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



64E391



E364B6

# 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.



FF9ACC



64E391



D0BBFF

# Square

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



64E391



00DFFF



FFA5FF



FFB467

# Rectangle

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



64E391



00E7F2



FFA5FF



FF9CA6

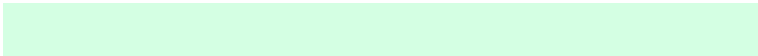


# Sweetspot

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



64E391



D4FFE3



B7E364



66806F



000000



808080



# Same Dimension

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



64E391



54FF91



64E3D0



67736B



00B33F



003312



# Inverse Universe

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



E364B6



FF54C2



E36477



73676F



B30073

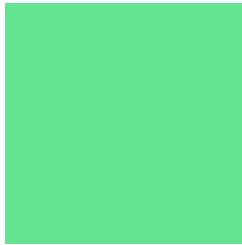


330021



# Previews

## White Background



This preview shows how the Hex color 64E391 looks on a white background.

## Color Contrast Check

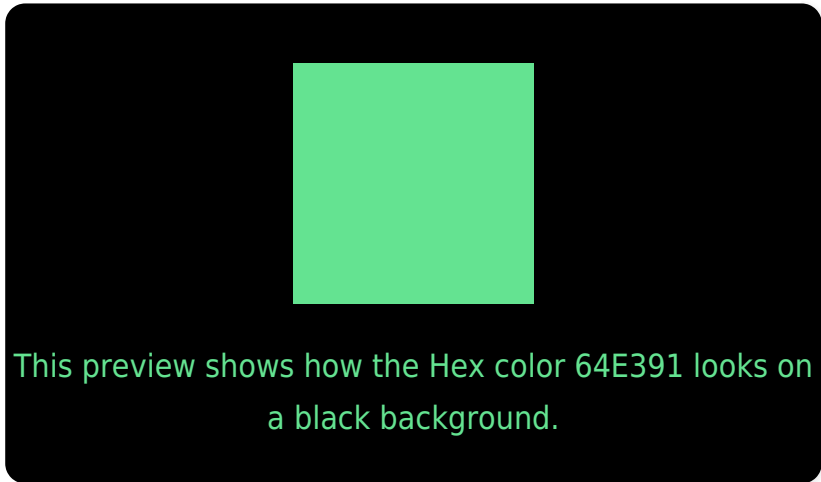
Large Text (above 18pt) WCAG AA × Fail

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

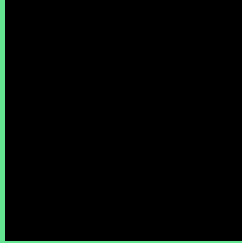
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 64E391 Background



This preview shows how black text looks on a background with the Hex color 64E391.

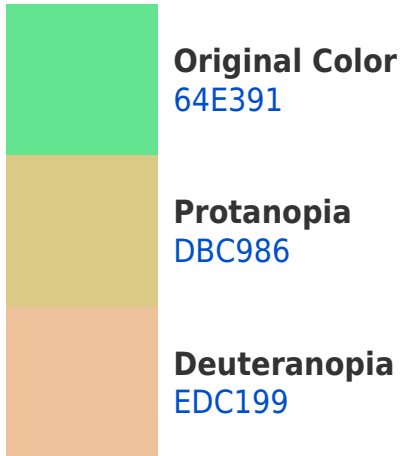


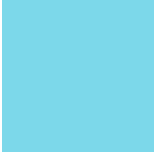
This preview shows how white text looks on a background with the Hex color 64E391.

# 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**  
7CD8EA

# Trichromacy



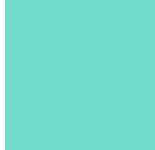
**Original Color**  
64E391



**Protanomaly**  
B0D28A



**Deuteranomaly**  
BBCD96



**Tritanomaly**  
73DCCA

# Monochromacy



**Original Color**  
64E391



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
97C5A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64E391 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 #64E391 looks like.

```
.text, #text, p{  
    color:#64E391  
}
```

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 #64E391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64E391
}
```

## Border

The CSS property to change the border of an element to Hex 64E391 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
#64E391 }
```

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

```
.border{ border-color:#64E391 }
```

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

Here you see how a box with a 4 pixel #64E391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64E391; -webkit-box-shadow:4px 4px  
4px 4px #64E391; box-shadow:4px 4px 4px  
4px #64E391 }
```

# Background

The CSS property to change the background color of an element to Hex 64E391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64E391 }
```

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

```
.background{ background-color:#64E391 }
```

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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