

# Converting Colors

Hex(72E0A6)

Have a look what the booklet for  
Hex(72E0A6) contains.

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**Color**

**Hex(72E0A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72E0A6
RGB	114, 224, 166
RGB Percent	45%, 88%, 65%
CMY	0.5529, 0.1216, 0.3490
CMYK	0.49, 0.00, 0.26, 0.12
HSL	148°, 64%, 66%
HSV	148°, 49%, 88%
XYZ	40.4780, 59.6419, 45.4550
YIQ	184.4980, -46.9420, -41.3580

# Conversions

## Conversions Part 2

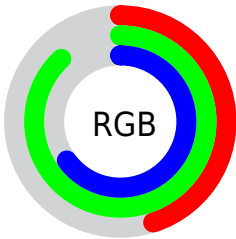
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 189, 224
Decimal	7528614
CIELab	81.64, -44.69, 18.87
CIELCh	82, 48.517, 157.106
Yxy	59.6419, 0.2781, 0.4097
Android (android.graphics.Color)	4285718694 (0xFF72E0A6)
YUV	184.4980, -9.1195, -61.8267
Hunter-Lab	77.2282, -41.5911, 19.1628

# Details

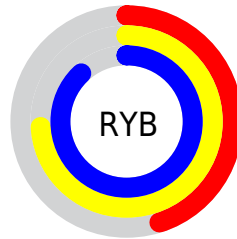
The Hex color **72E0A6** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E072AC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **ACFFDD**, and **36A872** is the 20% darker color. If you saturate the color by 10%, you get **5CE09A**, and if you desaturate by 10%, it is **88E0B2**.

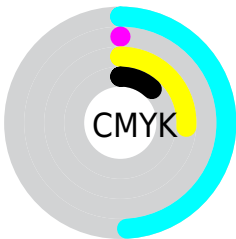
# Distribution



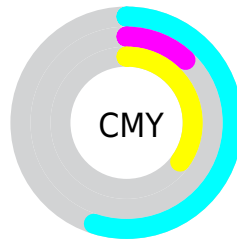
- Red (45%)
- Green (88%)
- Blue (65%)



- Red (45%)
- Yellow (74%)
- Blue (88%)



- Cyan (49%)
- Magenta (0%)
- Yellow (26%)
- Black (12%)



- Cyan (55%)
- Magenta (12%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72E0A6 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 72E0A6 by changing the saturation by 10% instead.



 72E0A6

 72E0A6

FFFFFF

 55C48C

 ACFFDD

 36A872

 C9FFFA

 088D59

 E6FFFF

 007341

 00592B

 004115

 002B00

 000B00

 000000

 72E0A6

 72E0A6

 5CE09A

 88E0B2

 45E08E

 9FE0BE

 2FE083

 B5E0C9

 18E077

 CCE0D5

 02E06B

 E2E0E1

 00E06A

 F8E0ED

 FFE0F9

 FFE0FF

# Harmonies

## Analogous

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



ACD880



72E0A6



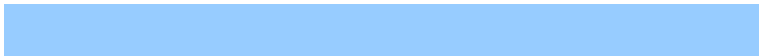
00E3D5

# Triad

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



72E0A6



97CCFF



FFAD96

# Complementary

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



72E0A6



E072AC

# 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.



FFA6C2



72E0A6



DEBBFF

# Square

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



72E0A6



2ED9FF



FFACEF



FFBC78

# Rectangle

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



72E0A6



00E2F3



FFACEF



FFAAA4

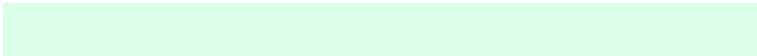


# Sweetspot

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



72E0A6



D9FFEB



ADE072



698073



000000



808080



# Same Dimension

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



72E0A6



69FFB0



72E0DC



65706A



00B053



003017



# Inverse Universe

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



E072AC



FF69B8



E07276



70656B



B0005D

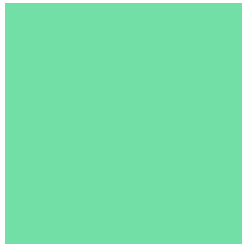


30001A



# Previews

## White Background



This preview shows how the Hex color 72E0A6 looks on a white background.

## Color Contrast Check

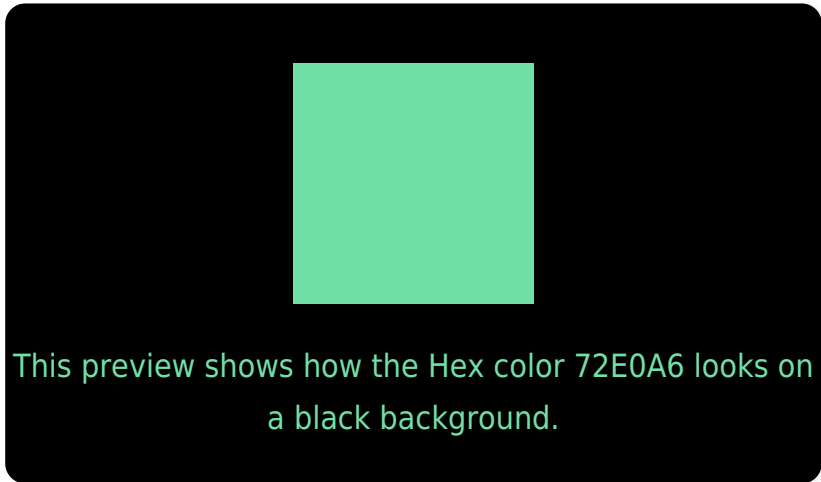
Large Text (above 18pt) WCAG AA × Fail

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

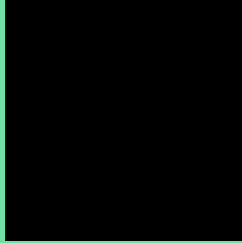
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 72E0A6 Background



This preview shows how black text looks on a background with the Hex color 72E0A6.

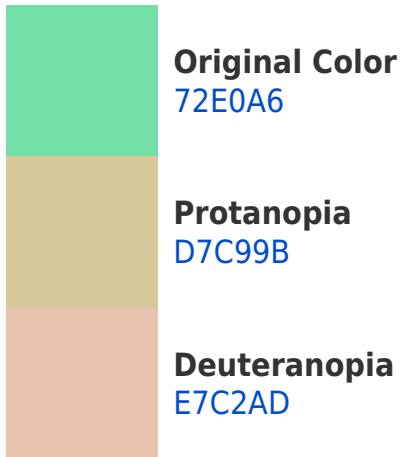


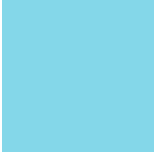
This preview shows how white text looks on a background with the Hex color 72E0A6.

# 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**  
84D7E9

# Trichromacy



**Original Color**

72E0A6



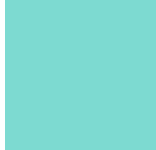
**Protanomaly**

B2D19F



**Deuteranomaly**

BCCDAA



**Tritanomaly**

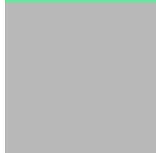
7DDAD1

# Monochromacy



**Original Color**

72E0A6



**Achromatopsia**

B8B8B8



**Achromatomaly**

9FC7B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72E0A6 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 #72E0A6 looks like.

```
.text, #text, p{  
    color:#72E0A6  
}
```

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 #72E0A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72E0A6
}
```

## Border

The CSS property to change the border of an element to Hex 72E0A6 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
#72E0A6 }
```

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

```
.border{ border-color:#72E0A6 }
```

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

Here you see how a box with a 4 pixel #72E0A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72E0A6; -webkit-box-shadow:4px 4px  
4px 4px #72E0A6; box-shadow:4px 4px 4px  
4px #72E0A6 }
```

# Background

The CSS property to change the background color of an element to Hex 72E0A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72E0A6 }
```

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

```
.background{ background-color:#72E0A6 }
```

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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