

Converting Colors

Hex(72E3A2)

Have a look what the booklet for
Hex(72E3A2) contains.

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Color

Hex(72E3A2)

Conversions

Conversions Part 1

Format	Color
Hex	72E3A2
RGB	114, 227, 162
RGB Percent	45%, 89%, 64%
CMY	0.5529, 0.1098, 0.3647
CMYK	0.50, 0.00, 0.29, 0.11
HSL	145°, 67%, 67%
HSV	145°, 50%, 89%
XYZ	40.9301, 61.1242, 43.8233
YIQ	185.8030, -46.4830, -44.1710

Conversions

Conversions Part 2

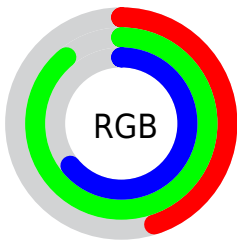
Format	Color
RYB	114, 193, 227
Decimal	7529378
CIELab	82.45, -46.76, 22.07
CIElCh	82, 51.704, 154.734
Yxy	61.1242, 0.2806, 0.4190
Android (android.graphics.Color)	4285719458 (0xFF72E3A2)
YUV	185.8030, -11.7349, -62.9712
Hunter-Lab	78.1820, -43.3695, 21.4936

Details

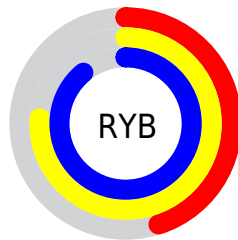
The Hex color **72E3A2** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E372B3**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **ACFFD9**, and **35AB6E** is the 20% darker color. If you saturate the color by 10%, you get **5BE395**, and if you desaturate by 10%, it is **89E3AF**.

Distribution



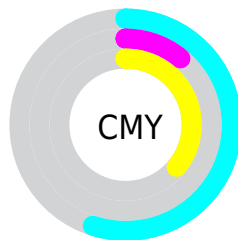
- Red (45%)
- Green (89%)
- Blue (64%)



- Red (45%)
- Yellow (76%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72E3A2 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 72E3A2 by changing the saturation by 10% instead.

 72E3A2

 72E3A2


FFFFFF

 55C788

 ACFFD9

 35AB6E

 C9FFF6

 049055

 E7FFFF

 00753E

 005C27

 004311

 002D00

 001000

 000000

 72E3A2

 72E3A2

 5BE395

 89E3AF

 45E388

 9FE3BC

 2EE37B

 B6E3C9

 17E36E

 CDE3D6

 01E361

 E4E3E3

 00E360

 FAE3F0

 FFE3FD

 FFE3FF

Harmonies

Analogous

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



B1DA7B



72E3A2



00E6D4

Triad

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



72E3A2



8DD0FF



FFAC98

Complementary

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



72E3A2



E372B3

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.



FFA5C7



72E3A2



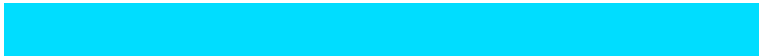
DCBEFF

Square

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



72E3A2



00DDFF



FFADF8



FFBC76

Rectangle

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



72E3A2



00E6F4



FFADF8



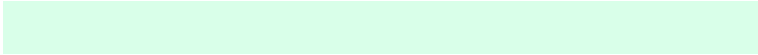
FFA8A7

Sweetspot

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



72E3A2



D9FFE9



B4E372



698072



000000



808080

Same Dimension

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



72E3A2



66FFA7



72E3DA



67736C



00B34C



003316

Inverse Universe

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



E372B3



FF66BE



E3727B



73676E



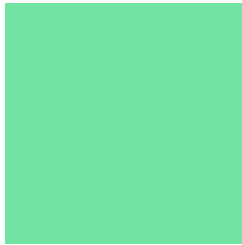
B30067



33001D

Previews

White Background



This preview shows how the Hex color 72E3A2 looks on a white background.

Color Contrast Check

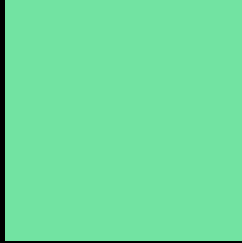
Large Text (above 18pt) WCAG AA × Fail

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 72E3A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

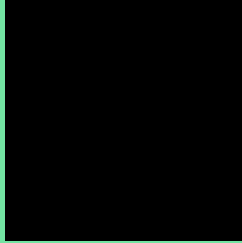
Any Text WCAG AA ✓ Pass

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 72E3A2 Background



This preview shows how black text looks on a background with the Hex color 72E3A2.

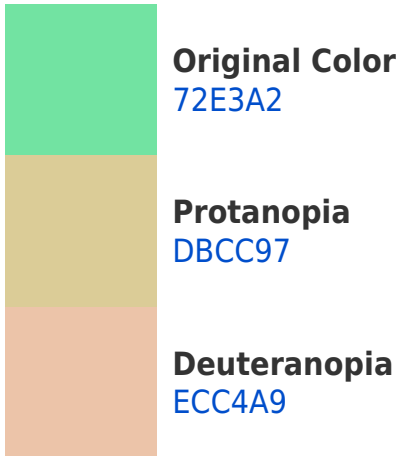


This preview shows how white text looks on a background with the Hex color 72E3A2.

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
85DAEB

Trichromacy



Original Color

72E3A2



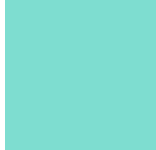
Protanomaly

B5D49B



Deuteranomaly

C0CFA6



Tritanomaly

7EDDD0

Monochromacy



Original Color

72E3A2



Achromatopsia

BABABA



Achromatomaly

A0C9B1

CSS Examples

Text

The CSS property to change the color of the text to Hex 72E3A2 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 #72E3A2 looks like.

```
.text, #text, p{  
  color:#72E3A2  
}
```

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 #72E3A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72E3A2
}
```

Border

The CSS property to change the border of an element to Hex 72E3A2 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
#72E3A2 }
```

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

```
.border{ border-color:#72E3A2 }
```

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

Here you see how a box with a 4 pixel #72E3A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72E3A2; -webkit-box-shadow:4px 4px  
4px 4px #72E3A2; box-shadow:4px 4px 4px  
4px #72E3A2 }
```

Background

The CSS property to change the background color of an element to Hex 72E3A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72E3A2 }
```

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

```
.background{ background-color:#72E3A2 }
```

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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