

Converting Colors

Hex(61E299)

Have a look what the booklet for
Hex(61E299) contains.

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Color

Hex(61E299)

Conversions

Conversions Part 1

Format	Color
Hex	61E299
RGB	97, 226, 153
RGB Percent	38%, 89%, 60%
CMY	0.6196, 0.1137, 0.4000
CMYK	0.57, 0.00, 0.32, 0.11
HSL	146°, 69%, 63%
HSV	146°, 57%, 89%
XYZ	37.8759, 59.2340, 39.5740
YIQ	179.1070, -53.4510, -50.0510

Conversions

Conversions Part 2

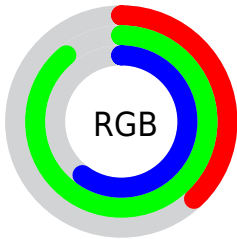
Format	Color
RYB	97, 187, 226
Decimal	6415001
CIELab	81.42, -51.97, 25.24
CIElCh	81, 57.776, 154.100
Yxy	59.2340, 0.2771, 0.4334
Android (android.graphics.Color)	4284605081 (0xFF61E299)
YUV	179.1070, -12.8708, -72.0078
Hunter-Lab	76.9636, -46.8417, 23.3881

Details

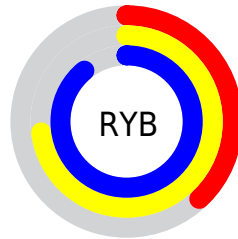
The Hex color **61E299** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E261AA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9DFFD0**, and **16AA65** is the 20% darker color. If you saturate the color by 10%, you get **4AE28C**, and if you desaturate by 10%, it is **78E2A6**.

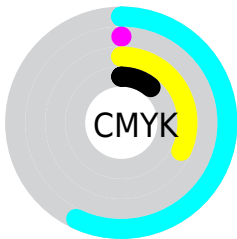
Distribution



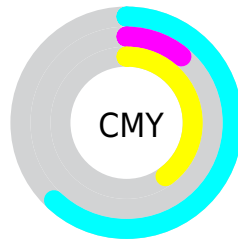
- Red (38%)
- Green (89%)
- Blue (60%)



- Red (38%)
- Yellow (73%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E299 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 61E299 by changing the saturation by 10% instead.

 61E299

 61E299

FFFFFF

 41C57F

 9DFFD0

 16AA65

 BAF FEC

 008E4D

 D8FFFF

 007435

 F6FFFF

 005A1F

 004208

 002C00

 000A00

 000000

 61E299

 61E299

 4AE28C

 78E2A6

 34E27F

 8EE2B3

 1DE273

 A5E2BF

 07E266

 BBE2CC

 00E262

 D2E2D9

 E9E2E6

 FFE2F3

 FFE2FF

Harmonies

Analogous

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



ABD96D



61E299



00E6D0

Triad

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



61E299



78CEFF



FFA490

Complementary

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



61E299



E261AA

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.



FF9CC5



61E299



D8B9FF

Square

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



61E299



00DCFF



FFA5FB



FFB669

Rectangle

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



61E299



00E5F5



FFA5FB



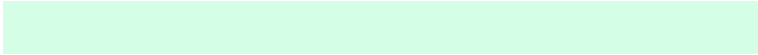
FFA0A1

Sweetspot

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



61E299



D4FFE6



AAE261



668071



000000



808080

Same Dimension

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



61E299



52FF9D



61E2D9



65706A



00B04C



003015

Inverse Universe

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



E261AA



FF52B4



E2616A



70656B



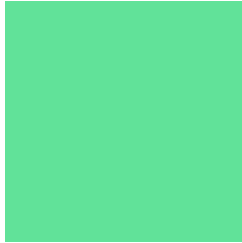
B00064



30001B

Previews

White Background



This preview shows how the Hex color 61E299 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

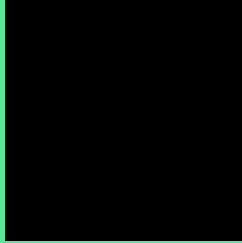
Any Text WCAG AA ✓ Pass

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 61E299 Background



This preview shows how black text looks on a background with the Hex color 61E299.

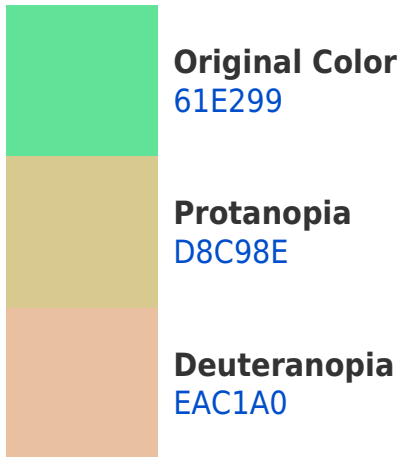


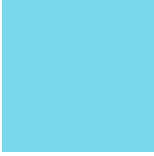
This preview shows how white text looks on a background with the Hex color 61E299.

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
79D8E9

Trichromacy



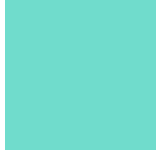
Original Color
61E299



Protanomaly
ADD292



Deuteranomaly
B8CD9D

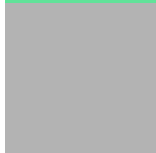


Tritanomaly
70DCCC

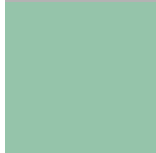
Monochromacy



Original Color
61E299



Achromatopsia
B3B3B3



Achromatomaly
95C4AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 61E299 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 #61E299 looks like.

```
.text, #text, p{  
    color:#61E299  
}
```

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 #61E299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E299
}
```

Border

The CSS property to change the border of an element to Hex 61E299 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
#61E299 }
```

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

```
.border{ border-color:#61E299 }
```

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

Here you see how a box with a 4 pixel #61E299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E299; -webkit-box-shadow:4px 4px  
4px 4px #61E299; box-shadow:4px 4px 4px  
4px #61E299 }
```

Background

The CSS property to change the background color of an element to Hex 61E299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E299 }
```

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

```
.background{ background-color:#61E299 }
```

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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