

Converting Colors

Hex(61E396)

Have a look what the booklet for
Hex(61E396) contains.

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Color

Hex(61E396)

Conversions

Conversions Part 1

Format	Color
Hex	61E396
RGB	97, 227, 150
RGB Percent	38%, 89%, 59%
CMY	0.6196, 0.1098, 0.4118
CMYK	0.57, 0.00, 0.34, 0.11
HSL	144°, 70%, 64%
HSV	144°, 57%, 89%
XYZ	37.9039, 59.6816, 38.3761
YIQ	179.3520, -52.7630, -51.5070

Conversions

Conversions Part 2

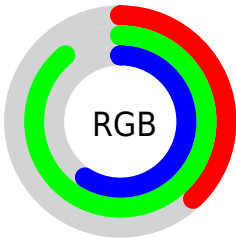
Format	Color
RYB	97, 189, 227
Decimal	6415254
CIELab	81.66, -52.94, 27.11
CIELCh	82, 59.477, 152.880
Yxy	59.6816, 0.2788, 0.4390
Android (android.graphics.Color)	4284605334 (0xFF61E396)
YUV	179.3520, -14.4705, -72.2227
Hunter-Lab	77.2538, -47.6149, 24.6252

Details

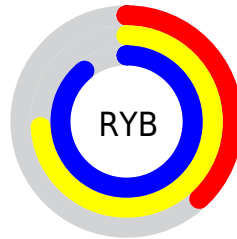
The Hex color **61E396** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E361AE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9DFFCD**, and **15AB63** is the 20% darker color. If you saturate the color by 10%, you get **4AE389**, and if you desaturate by 10%, it is **78E3A3**.

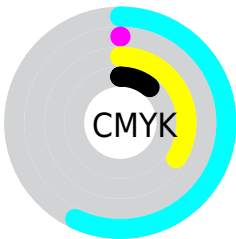
Distribution



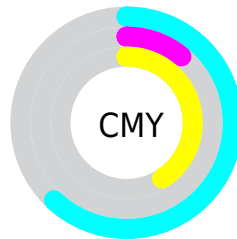
- Red (38%)
- Green (89%)
- Blue (59%)



- Red (38%)
- Yellow (74%)
- Blue (89%)



- Cyan (57%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (62%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61E396 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 61E396 by changing the saturation by 10% instead.

 61E396

 61E396

FFFFFF

 41C67C

 9DFFCD

 15AB63

 BBFFE9

 008F4A

 D8FFFF

 007533

 F7FFFF


 005B1C

 004204

 002C00

 000B00

 000000

 61E396

 61E396

 4AE389

 78E3A3

 34E37B

 8EE3B1

 1DE36E

 A5E3BE

 06E360

 BCE3CC

 00E35D

 D3E3D9

 E9E3E7

 FFE3F4

 FFE3FF

Harmonies

Analogous

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



ADD969



61E396



00E7CF

Triad

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



61E396



6FCFFF



FFA391

Complementary

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



61E396



E361AE

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.



FF9BC8



61E396



D6BAFF

Square

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



61E396



00DEFF



FFA5FF



FFB668

Rectangle

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



61E396



00E7F5



FFA5FF



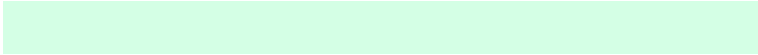
FF9EA3

Sweetspot

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



61E396



D4FFE5



AFE361



668070



000000



808080

Same Dimension

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



61E396



4FFF97



61E3D6



67736C



00B349



003315

Inverse Universe

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



E361AE



FF4FB7



E3616E



73676E



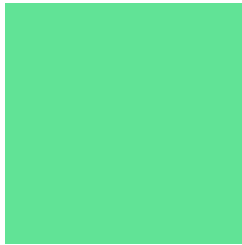
B3006A



33001E

Previews

White Background



This preview shows how the Hex color 61E396 looks on a white background.

Color Contrast Check

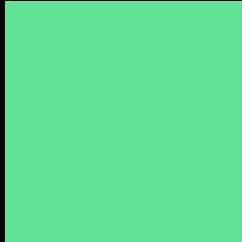
Large Text (above 18pt) WCAG AA × Fail

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 61E396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

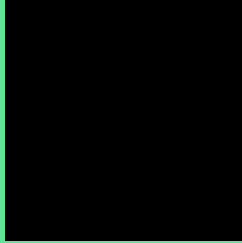
Any Text WCAG AA ✓ Pass

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 61E396 Background



This preview shows how black text looks on a background with the Hex color 61E396.

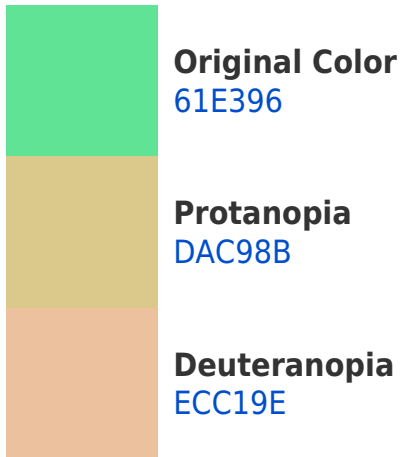


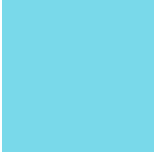
This preview shows how white text looks on a background with the Hex color 61E396.

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
79D9EA

Trichromacy



Original Color
61E396



Protanomaly
AED28F



Deuteranomaly
B9CD9B



Tritanomaly
70DDCB

Monochromacy



Original Color
61E396



Achromatopsia
B3B3B3



Achromatomaly
95C4A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 61E396 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 #61E396 looks like.

```
.text, #text, p{  
    color:#61E396  
}
```

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 #61E396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61E396
}
```

Border

The CSS property to change the border of an element to Hex 61E396 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
#61E396 }
```

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

```
.border{ border-color:#61E396 }
```

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

Here you see how a box with a 4 pixel #61E396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61E396; -webkit-box-shadow:4px 4px  
4px 4px #61E396; box-shadow:4px 4px 4px  
4px #61E396 }
```

Background

The CSS property to change the background color of an element to Hex 61E396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61E396 }
```

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

```
.background{ background-color:#61E396 }
```

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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