

Converting Colors

Hex(62E397)

Have a look what the booklet for
Hex(62E397) contains.

Hex(62E397)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(62E397)

Conversions

Conversions Part 1

Format	Color
Hex	62E397
RGB	98, 227, 151
RGB Percent	38%, 89%, 59%
CMY	0.6157, 0.1098, 0.4078
CMYK	0.57, 0.00, 0.33, 0.11
HSL	145°, 70%, 64%
HSV	145°, 57%, 89%
XYZ	38.0920, 59.7692, 38.8071
YIQ	179.7650, -52.4880, -50.9840

Conversions

Conversions Part 2

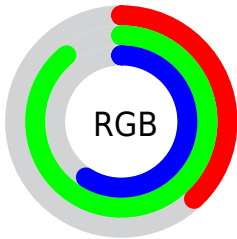
Format	Color
RYB	98, 189, 227
Decimal	6480791
CIELab	81.71, -52.54, 26.67
CIELCh	82, 58.917, 153.086
Yxy	59.7692, 0.2787, 0.4373
Android (android.graphics.Color)	4284670871 (0xFF62E397)
YUV	179.7650, -14.1811, -71.7079
Hunter-Lab	77.3105, -47.3440, 24.3559

Details

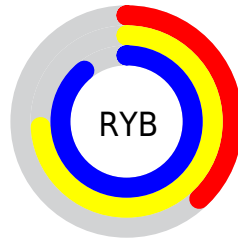
The Hex color **62E397** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **E362AE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **9EFFCE**, and **18AB63** is the 20% darker color. If you saturate the color by 10%, you get **4BE38A**, and if you desaturate by 10%, it is **79E3A4**.

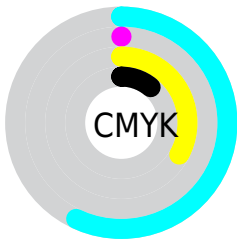
Distribution



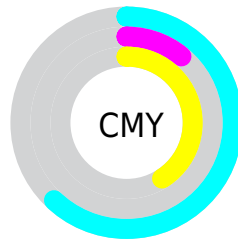
- Red (38%)
- Green (89%)
- Blue (59%)



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



- Cyan (57%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 62E397 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 62E397 by changing the saturation by 10% instead.

 62E397

 62E397

FFFFFF

 42C67D

 9EFFCE

 18AB63

 BBFFEA

 008F4B

 D9FFFF

 007533

 F7FFFF

 005B1D

 004205

 002C00

 000C00

 000000

 62E397

 62E397

 4BE38A

 79E3A4

 35E37C

 8FE3B2

 1EE36F

 A6E3BF

 07E362

 BDE3CC

 00E35D

 D3E3DA

 EAE3E7

 FFE3F5

 FFE3FF

Harmonies

Analogous

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



ADD96B



62E397



00E7CF

Triad

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



62E397



72CFFF



FFA392

Complementary

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



62E397



E362AE

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.



FF9CC8



62E397



D6BAFF

Square

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



62E397



00DEFF



FFA6FE



FFB669

Rectangle

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



62E397



00E7F5



FFA6FE



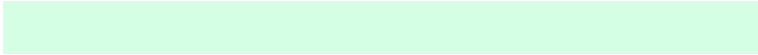
FF9FA3

Sweetspot

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



62E397



D4FFE5



AFE362



668070



000000



808080

Same Dimension

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



62E397



52FF99



62E3D6



67736C



00B349



003315

Inverse Universe

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



E362AE



FF52B8



E3626F



73676E



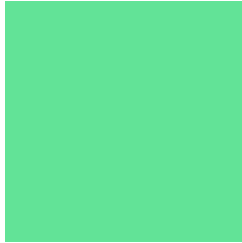
B30069



33001E

Previews

White Background



This preview shows how the Hex color 62E397 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 62E397 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 62E397 Background



This preview shows how black text looks on a background with the Hex color 62E397.

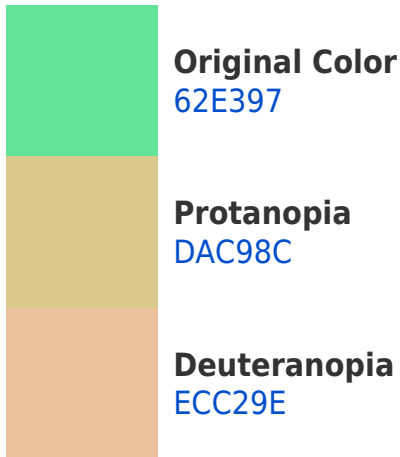


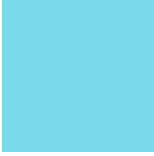
This preview shows how white text looks on a background with the Hex color 62E397.

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
7AD9EA

Trichromacy



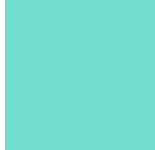
Original Color
62E397



Protanomaly
AED290



Deuteranomaly
BACE9B

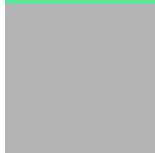


Tritanomaly
71DDCC

Monochromacy



Original Color
62E397



Achromatopsia
B4B4B4



Achromatomaly
96C5A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 62E397 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 #62E397 looks like.

```
.text, #text, p{  
    color:#62E397  
}
```

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 #62E397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62E397
}
```

Border

The CSS property to change the border of an element to Hex 62E397 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
#62E397 }
```

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

```
.border{ border-color:#62E397 }
```

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

Here you see how a box with a 4 pixel #62E397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62E397; -webkit-box-shadow:4px 4px  
4px 4px #62E397; box-shadow:4px 4px 4px  
4px #62E397 }
```

Background

The CSS property to change the background color of an element to Hex 62E397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62E397 }
```

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

```
.background{ background-color:#62E397 }
```

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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