

Converting Colors

Hex(62DAEE)

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

Hex(62DAEE)	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(62DAEE)

Conversions

Conversions Part 1

Format	Color
Hex	62DAEE
RGB	98, 218, 238
RGB Percent	38%, 85%, 93%
CMY	0.6157, 0.1451, 0.0667
CMYK	0.59, 0.08, 0.00, 0.07
HSL	189°, 80%, 66%
HSV	189°, 59%, 93%
XYZ	45.5410, 58.9125, 89.8599
YIQ	184.4000, -77.9400, -19.2200

Conversions

Conversions Part 2

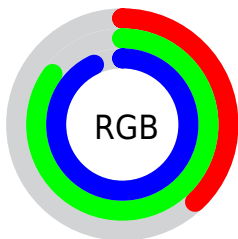
Format	Color
RYB	98, 163, 238
Decimal	6478574
CIELab	81.24, -27.90, -19.94
CIELCh	81, 34.292, 215.552
Yxy	58.9125, 0.2344, 0.3032
Android (android.graphics.Color)	4284668654 (0xFF62DAEE)
YUV	184.4000, 26.4248, -75.7728
Hunter-Lab	76.7545, -28.4103, -15.6853

Details

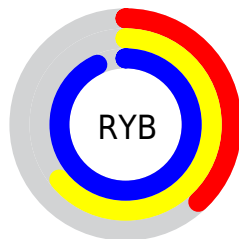
The Hex color **62DAEE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EE7662**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A0FFFF**, and **06A3B6** is the 20% darker color. If you saturate the color by 10%, you get **4AD7EE**, and if you desaturate by 10%, it is **7ADDEE**.

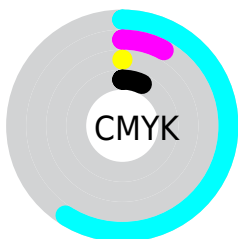
Distribution



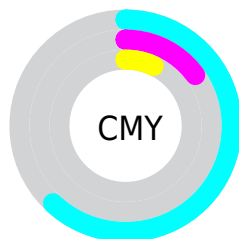
- Red (38%)
- Green (85%)
- Blue (93%)



- Red (38%)
- Yellow (64%)
- Blue (93%)



- Cyan (59%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (62%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 62DAEE

 62DAEE

FFFFFF

 3FBED2


 A0FFFF

 06A3B6

 BEFFFF

 00889B

 DDFFFF

 006F81

 FBFFFF

 005668

 003E50

 002839

 000B24

 00000C

 62DAEE

 62DAEE

 4AD7EE

 7ADDEE

 32D3EE

 92E1EE

 1BD0EE

 A9E4EE

 03CCEE

 C1E8EE

 00CCEE

 D9EBEE

 F1EEEE

 FFF2EE

 FFF5EE

 FFF9EE

Harmonies

Analogous

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



70DCCF



62DAEE



7BD4FF

Triad

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



62DAEE



F8B6E5



DACA8A

Complementary

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



62DAEE



EE7662

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.



F7BF90



62DAEE



FFB2C5

Square

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



62DAEE



D6BFFE



FFB6A6



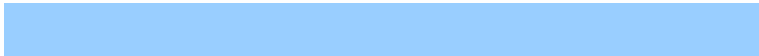
B8D395

Rectangle

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



62DAEE



99CEFF



FFB6A6



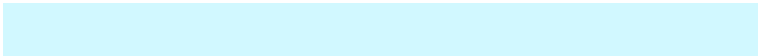
E5C68A

Sweetspot

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



62DAEE



D1F8FF



62EE75



637B80



000000



808080

Same Dimension

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



62DAEE



4AE5FF



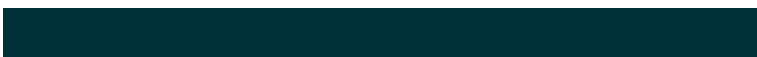
6295EE



6C7678



009DB8



003038

Inverse Universe

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



EE62DA



FF4AE5



EEBB62



786C76



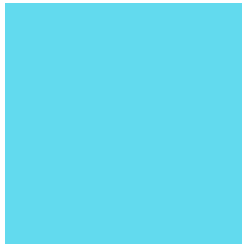
B8009D



380030

Previews

White Background



This preview shows how the Hex color 62DAEE looks on a white background.

Color Contrast Check

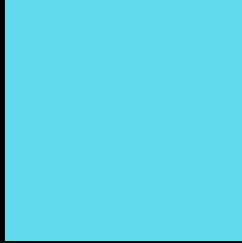
Large Text (above 18pt) WCAG AA × Fail

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 62DAEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

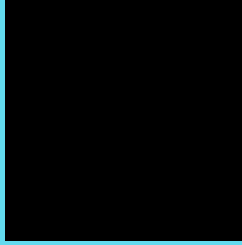
Any Text WCAG AA ✓ Pass

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 62DAEE Background



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

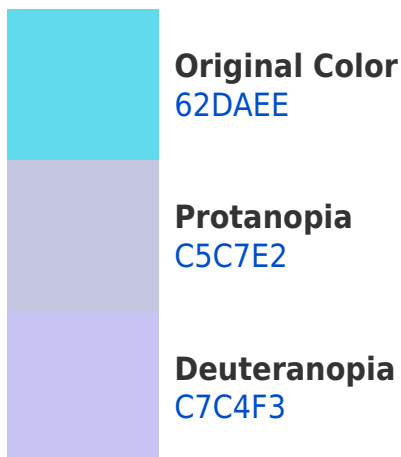


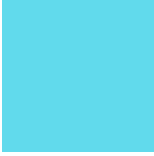
This preview shows how white text looks on a background with the Hex color 62DAEE.

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](#).

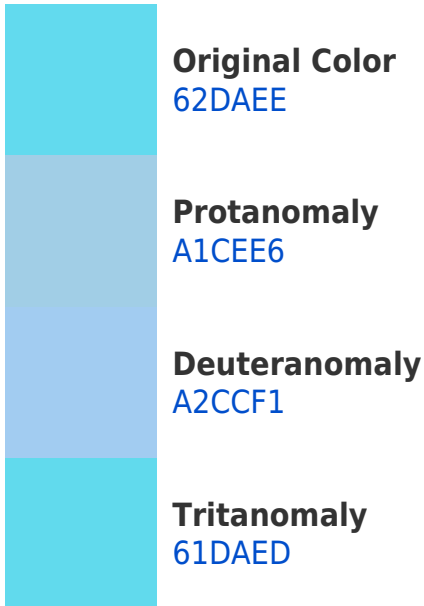
Dichromacy



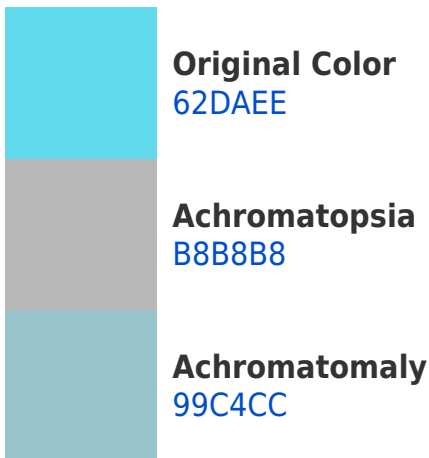


Tritanopia
61DAEC

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #62DAEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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