

Converting Colors

Hex(59DEC2)

Have a look what the booklet for
Hex(59DEC2) contains.

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Color

Hex(59DEC2)

Conversions

Conversions Part 1

Format	Color
Hex	59DEC2
RGB	89, 222, 194
RGB Percent	35%, 87%, 76%
CMY	0.6510, 0.1294, 0.2392
CMYK	0.60, 0.00, 0.13, 0.13
HSL	167°, 67%, 61%
HSV	167°, 60%, 87%
XYZ	39.9787, 58.2614, 60.1774
YIQ	179.0410, -70.2800, -36.9040

Conversions

Conversions Part 2

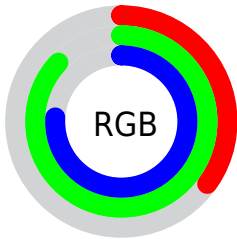
Format	Color
RYB	89, 163, 222
Decimal	5889730
CIELab	80.88, -42.98, 2.91
CIELCh	81, 43.074, 176.124
Yxy	58.2614, 0.2524, 0.3678
Android (android.graphics.Color)	4284079810 (0xFF59DEC2)
YUV	179.0410, 7.3748, -78.9660
Hunter-Lab	76.3292, -40.0837, 6.6866

Details

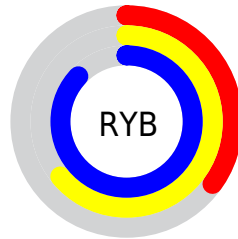
The Hex color **59DEC2** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **DE5975**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **97FFFA**, and **00A68C** is the 20% darker color. If you saturate the color by 10%, you get **43DEBD**, and if you desaturate by 10%, it is **6FDEC7**.

Distribution



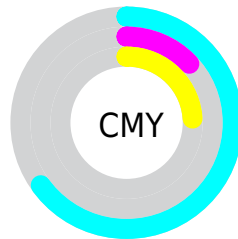
- Red (35%)
- Green (87%)
- Blue (76%)



- Red (35%)
- Yellow (64%)
- Blue (87%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (65%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59DEC2 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 59DEC2 by changing the saturation by 10% instead.

 59DEC2

 59DEC2

FFFFFF

 36C2A7

 97FFFA

 00A68C

 B4FFFF

 008B73

 D3FFFF

 00715B

 F1FFFF

 005843

 003F2D

 002A18

 000600

 000000

 59DEC2

 59DEC2

 43DEBD

 6FDEC7

 2DDEB9

 85DECB

 16DEB4

 9CDED0

 00DEAF

 B2DED5

 C8DED9

 DEDEDE

 F4DEE3

 FFDEE7

 FFDEEC

Harmonies

Analogous

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



90DA9B



59DEC2



17DEEB

Triad

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



59DEC2



C6C0FF



FFB787

Complementary

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



59DEC2



DE5975

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.



FFACA7



59DEC2



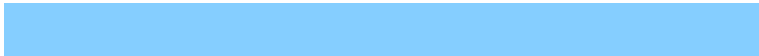
F7B2F6

Square

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



59DEC2



85CEFF



FFAAD0



E8C578

Rectangle

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



59DEC2



1FDBFF



FFAAD0



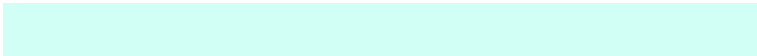
FFB290

Sweetspot

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



59DEC2



D1FFF5



76DE59



63807A



000000



808080

Same Dimension

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



59DEC2



47FFD8



59B8DE



65706E



00B08B



003026

Inverse Universe

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



DE5975



FF476E



DE7F59



706567



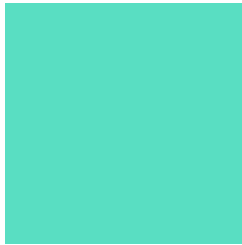
B00025



30000A

Previews

White Background



This preview shows how the Hex color 59DEC2 looks on a white background.

Color Contrast Check

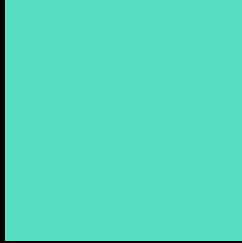
Large Text (above 18pt) WCAG AA × Fail

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 59DEC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

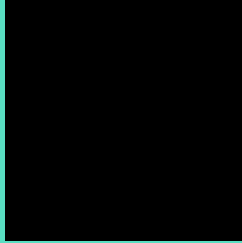
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

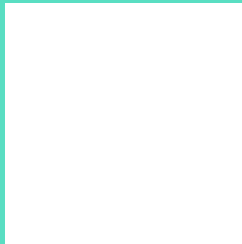
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 59DEC2 Background



This preview shows how black text looks on a background with the Hex color 59DEC2.



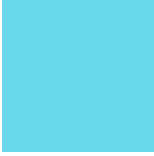
This preview shows how white text looks on a background with the Hex color 59DEC2.

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
68D8EA

Trichromacy



Original Color
59DEC2



Protanomaly
A4CFBA



Deuteranomaly
ABCCC6

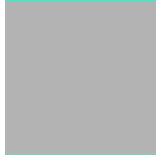


Tritanomaly
63DADB

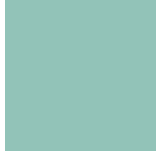
Monochromacy



Original Color
59DEC2



Achromatopsia
B3B3B3



Achromatomaly
92C3B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 59DEC2 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 #59DEC2 looks like.

```
.text, #text, p{  
    color:#59DEC2  
}
```

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 #59DEC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DEC2
}
```

Border

The CSS property to change the border of an element to Hex 59DEC2 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
#59DEC2 }
```

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

```
.border{ border-color:#59DEC2 }
```

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

Here you see how a box with a 4 pixel #59DEC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DEC2; -webkit-box-shadow:4px 4px  
4px 4px #59DEC2; box-shadow:4px 4px 4px  
4px #59DEC2 }
```

Background

The CSS property to change the background color of an element to Hex 59DEC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DEC2 }
```

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

```
.background{ background-color:#59DEC2 }
```

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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