

Converting Colors

Hex(52CADE)

Have a look what the booklet for
Hex(52CADE) contains.

Hex(52CADE)	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(52CADE)

Conversions

Conversions Part 1

Format	Color
Hex	52CADE
RGB	82, 202, 222
RGB Percent	32%, 79%, 87%
CMY	0.6784, 0.2078, 0.1294
CMYK	0.63, 0.09, 0.00, 0.13
HSL	189°, 68%, 60%
HSV	189°, 63%, 87%
XYZ	37.7850, 49.3088, 76.6333
YIQ	168.4000, -77.9400, -19.2200

Conversions

Conversions Part 2

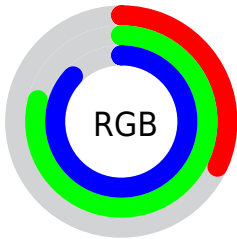
Format	Color
R _Y B	82, 147, 222
Decimal	5425886
CIE Lab	75.64, -27.37, -19.90
CIE LCh	76, 33.836, 216.020
Yxy	49.3088, 0.2308, 0.3012
Android (android.graphics.Color)	4283615966 (0xFF52CADE)
YUV	168.4000, 26.4248, -75.7728
Hunter-Lab	70.2202, -26.8358, -15.5507

Details

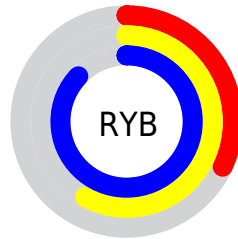
The Hex color **52CADE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE6652**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **91FFFF**, and **0094A7** is the 20% darker color. If you saturate the color by 10%, you get **3CC7DE**, and if you desaturate by 10%, it is **68CDDE**.

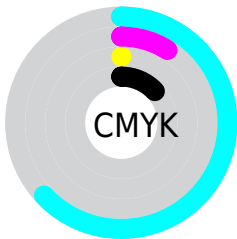
Distribution



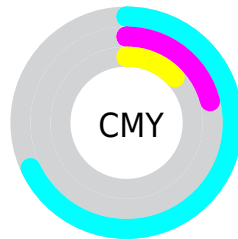
- Red (32%)
- Green (79%)
- Blue (87%)



- Red (32%)
- Yellow (58%)
- Blue (87%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (68%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52CADE 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 52CADE by changing the saturation by 10% instead.

 52CADE

 52CADE

FFFFFF

 2CAEC2

 91FFFF

 0094A7

 AFFFFFFF

 007A8C

 CDFFFF

 006073

 ECFFFF

 00485A

 003143

 001E2C

 000118

 000000

 52CADE

 52CADE

 3CC7DE

 68CDDE

 26C4DE

 7ED0DE

 0FC0DE

 95D4DE

 00BEDE

 ABD7DE

 C1DADE

 D7DDDE

 EDE0DE

 FFE3DE

 FFE7DE

Harmonies

Analogous

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



61CCC0



52CADE



6CC4F3

Triad

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



52CADE



E7A7D4



CABA7C

Complementary

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



52CADE



DE6652

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.



E5B082



52CADE



F7A3B5

Square

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



52CADE



C7B0ED



F6A797



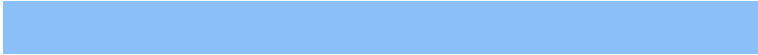
A8C387

Rectangle

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



52CADE



8ABFF8



F6A797



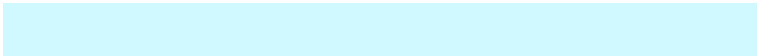
D4B77C

Sweetspot

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



52CADE



CFF8FF



52DE65



627B80



000000



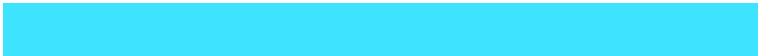
808080

Same Dimension

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



52CADE



3DE3FF



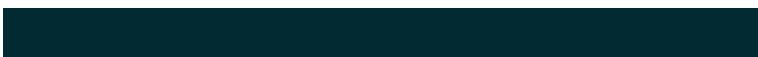
5285DE



656F70



0097B0



002A30

Inverse Universe

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



DE52CA



FF3DE3



DEAB52



70656F



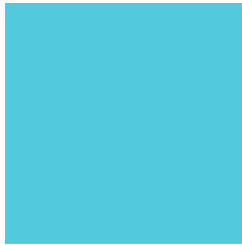
B00097



30002A

Previews

White Background



This preview shows how the Hex color 52CADE looks on a white background.

Color Contrast Check

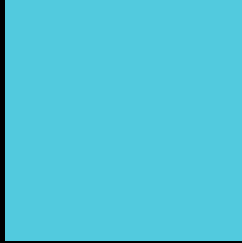
Large Text (above 18pt) WCAG AA × Fail

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 52CADE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

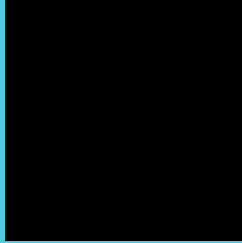
Any Text WCAG AA ✓ Pass

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 52CADE Background



This preview shows how black text looks on a background with the Hex color 52CADE.

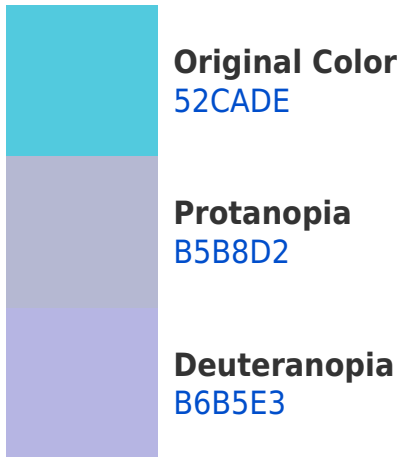


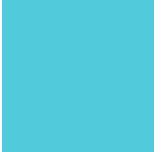
This preview shows how white text looks on a background with the Hex color 52CADE.

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](#).

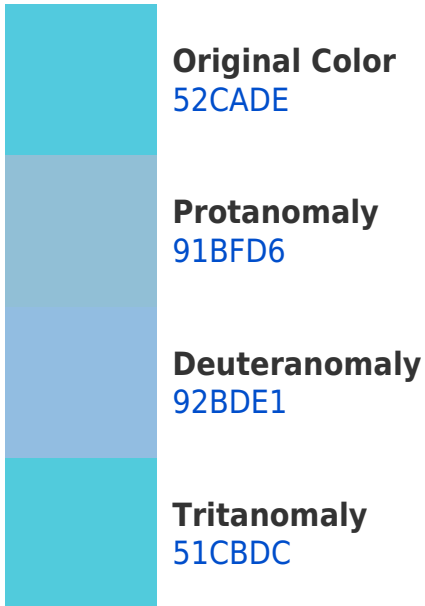
Dichromacy



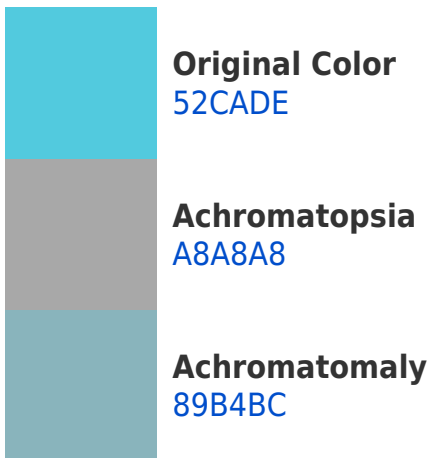


Tritanopia
51CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52CADE 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 #52CADE looks like.

```
.text, #text, p{  
    color:#52CADE  
}
```

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 #52CADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52CADE
}
```

Border

The CSS property to change the border of an element to Hex 52CADE 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
#52CADE }
```

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

```
.border{ border-color:#52CADE }
```

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

Here you see how a box with a 4 pixel #52CADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52CADE; -webkit-box-shadow:4px 4px  
4px 4px #52CADE; box-shadow:4px 4px 4px  
4px #52CADE }
```

Background

The CSS property to change the background color of an element to Hex 52CADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52CADE }
```

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

```
.background{ background-color:#52CADE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor