

Converting Colors

Hex(44C6D4)

Have a look what the booklet for
Hex(44C6D4) contains.

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Color

Hex(44C6D4)

Conversions

Conversions Part 1

Format	Color
Hex	44C6D4
RGB	68, 198, 212
RGB Percent	27%, 78%, 83%
CMY	0.7333, 0.2235, 0.1686
CMYK	0.68, 0.07, 0.00, 0.17
HSL	186°, 63%, 55%
HSV	186°, 68%, 83%
XYZ	34.4616, 46.3706, 69.4215
YIQ	160.7260, -81.9740, -23.2060

Conversions

Conversions Part 2

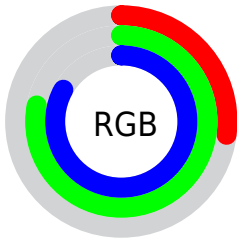
Format	Color
R _Y B	68, 136, 212
Decimal	4507348
CIE Lab	73.79, -30.47, -17.33
CIE LCh	74, 35.056, 209.636
Yxy	46.3706, 0.2294, 0.3086
Android (android.graphics.Color)	4282697428 (0xFF44C6D4)
YUV	160.7260, 25.2781, -81.3207
Hunter-Lab	68.0959, -28.8335, -12.7769

Details

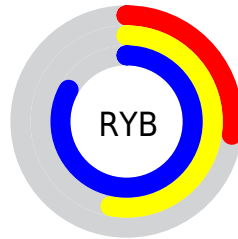
The Hex color **44C6D4** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **D45244**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **86FFFF**, and **00909D** is the 20% darker color. If you saturate the color by 10%, you get **2FC4D4**, and if you desaturate by 10%, it is **59C8D4**.

Distribution



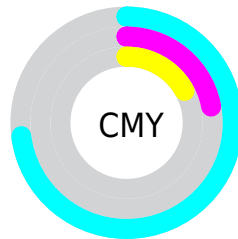
- Red (27%)
- Green (78%)
- Blue (83%)



- Red (27%)
- Yellow (53%)
- Blue (83%)



- Cyan (68%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (73%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44C6D4 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 44C6D4 by changing the saturation by 10% instead.

 44C6D4

 44C6D4

FFFFFF

 13AAB8

 86FFFF

 00909D

 A4FFFF

 007683

 C3FFFF

 005D6A

 E1FFFF

 004452

 002D3B

 001725

 00010F

 000000

 44C6D4

 44C6D4

 2FC4D4

 59C8D4

 1AC2D4

 6ECAD4

 04C0D4

 84CCD4

 00BFD4

 99CED4

 AED0D4

 C3D2D4

 D8D4D4

 EED6D4

 FFD9D4

Harmonies

Analogous

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



5EC7B4



44C6D4



58C1EC

Triad

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



44C6D4



DEA2D6



CCB375

Complementary

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



44C6D4



D45244

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.



E6A87F



44C6D4



F29DB7

Square

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



44C6D4



B9AEDD



F49F97



AABD7C

Rectangle

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



44C6D4



78BCF4



F49F97



D5AF76

Sweetspot

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



44C6D4



CCFAFF



44D450



617D80



000000



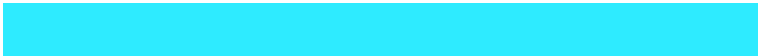
808080

Same Dimension

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



44C6D4



2EEBFF



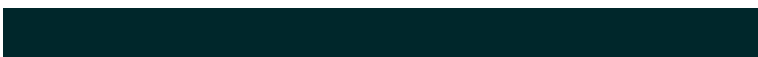
4480D4



606A6B



009AAB



00272B

Inverse Universe

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



D444C6



FF2EEB



D49844



6B606A



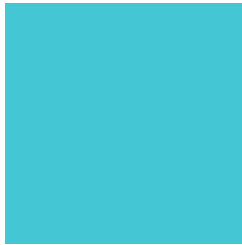
AB009A



2B0027

Previews

White Background



This preview shows how the Hex color 44C6D4 looks on a white background.

Color Contrast Check

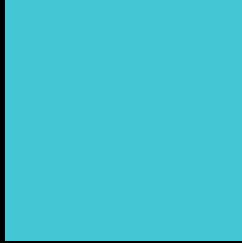
Large Text (above 18pt) WCAG AA × Fail

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 44C6D4 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 44C6D4 Background



This preview shows how black text looks on a background with the Hex color 44C6D4.

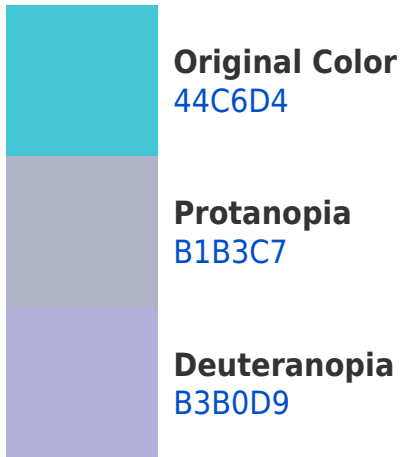


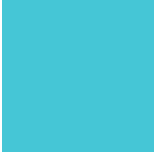
This preview shows how white text looks on a background with the Hex color 44C6D4.

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](#).

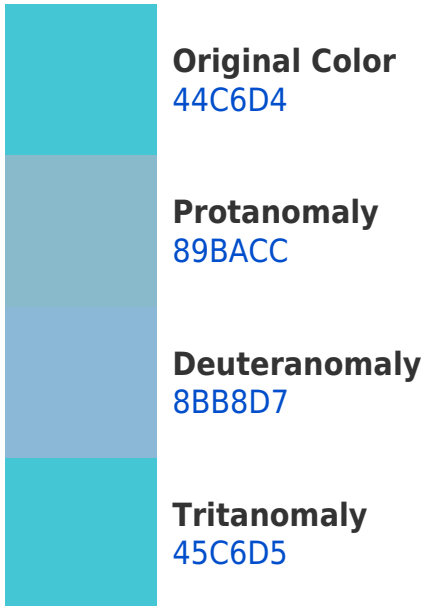
Dichromacy



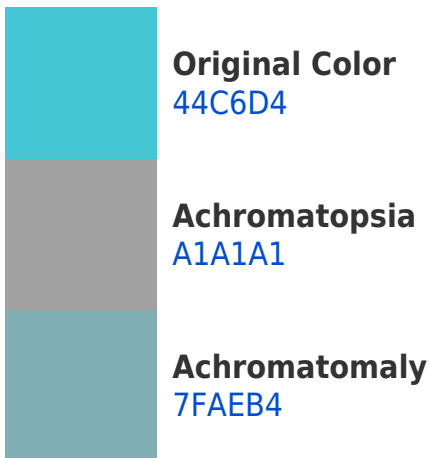


Tritanopia
45C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44C6D4 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 #44C6D4 looks like.

```
.text, #text, p{  
    color:#44C6D4  
}
```

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 #44C6D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C6D4
}
```

Border

The CSS property to change the border of an element to Hex 44C6D4 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
#44C6D4 }
```

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

```
.border{ border-color:#44C6D4 }
```

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

Here you see how a box with a 4 pixel #44C6D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C6D4; -webkit-box-shadow:4px 4px  
4px 4px #44C6D4; box-shadow:4px 4px 4px  
4px #44C6D4 }
```

Background

The CSS property to change the background color of an element to Hex 44C6D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C6D4 }
```

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

```
.background{ background-color:#44C6D4 }
```

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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