

Converting Colors

Hex(44C5DE)

Have a look what the booklet for
Hex(44C5DE) contains.

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Color

Hex(44C5DE)

Conversions

Conversions Part 1

Format	Color
Hex	44C5DE
RGB	68, 197, 222
RGB Percent	27%, 77%, 87%
CMY	0.7333, 0.2275, 0.1294
CMYK	0.69, 0.11, 0.00, 0.13
HSL	190°, 70%, 57%
HSV	190°, 69%, 87%
XYZ	35.5350, 46.4354, 76.1973
YIQ	161.2790, -84.9090, -19.5730

Conversions

Conversions Part 2

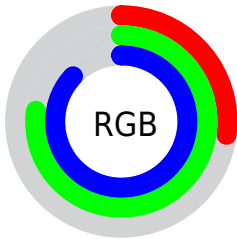
Format	Color
RYB	68, 138, 222
Decimal	4507102
CIELab	73.83, -26.99, -22.69
CIELCh	74, 35.258, 220.057
Yxy	46.4354, 0.2247, 0.2936
Android (android.graphics.Color)	4282697182 (0xFF44C5DE)
YUV	161.2790, 29.9355, -81.8057
Hunter-Lab	68.1435, -26.1683, -18.5969

Details

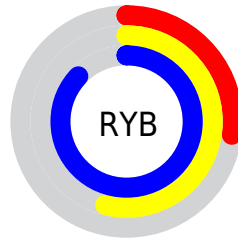
The Hex color **44C5DE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **DE5D44**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **87FEFF**, and **008FA7** is the 20% darker color. If you saturate the color by 10%, you get **2EC1DE**, and if you desaturate by 10%, it is **5AC9DE**.

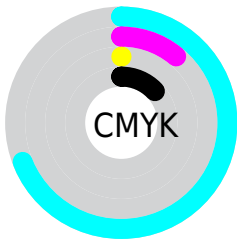
Distribution



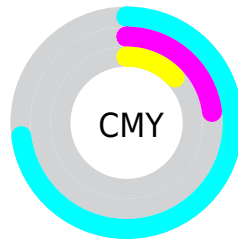
- Red (27%)
- Green (77%)
- Blue (87%)



- Red (27%)
- Yellow (54%)
- Blue (87%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (73%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44C5DE 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 44C5DE by changing the saturation by 10% instead.

 44C5DE

 44C5DE

FFFFFF

 10AAC2

 87FEFF

 008FA7

 A5FFFF

 00758C

 C4FFFF

 005C73

 E2FFFF

 00445A

 002D43

 00182C

 000118

 000000

■ 44C5DE

■ 44C5DE

■ 2EC1DE

■ 5AC9DE

■ 18BEDE

■ 70CCDE

■ 01BADE

■ 87D0DE

■ 00BADE

■ 9DD3DE

■ B3D7DE

■ C9DBDE

■ DFDEDE

■ F6E2DE

■ FFE5DE

Harmonies

Analogous

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



51C7C0



44C5DE



67BFF2

Triad

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



44C5DE



E7A0CC



C1B775

Complementary

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



44C5DE



DE5D44

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.



DEAC79



44C5DE



F59DAC

Square

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



44C5DE



C8A9E7



F1A28D



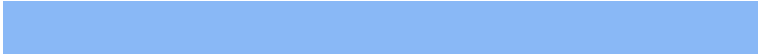
9DC083

Rectangle

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



44C5DE



89B8F6



F1A28D



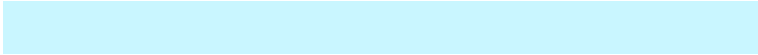
CBB374

Sweetspot

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



44C5DE



C9F6FF



44DE5B



607A80



000000



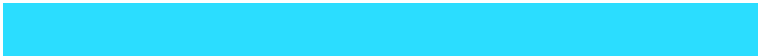
808080

Same Dimension

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



44C5DE



2BDDFF



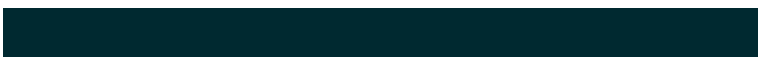
447ADE



656E70



0093B0



002930

Inverse Universe

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



DE44C5



FF2BDD



DEA844



70656E



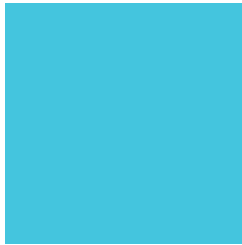
B00093



300029

Previews

White Background



This preview shows how the Hex color 44C5DE looks on a white background.

Color Contrast Check

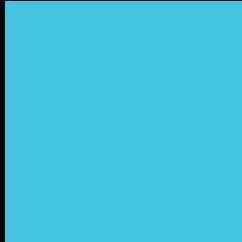
Large Text (above 18pt) WCAG AA × Fail

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 44C5DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

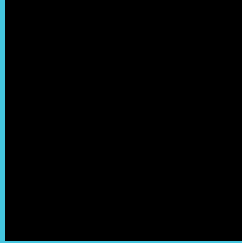
Any Text WCAG AA ✓ Pass

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 44C5DE Background



This preview shows how black text looks on a background with the Hex color 44C5DE.

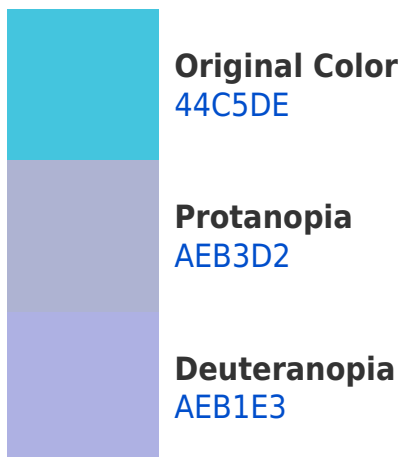


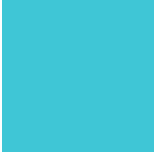
This preview shows how white text looks on a background with the Hex color 44C5DE.

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](#).

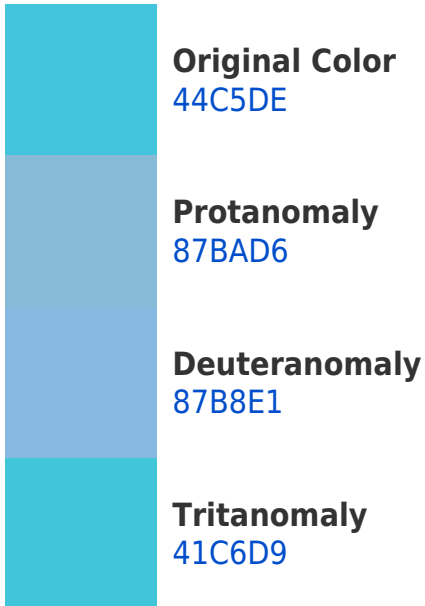
Dichromacy



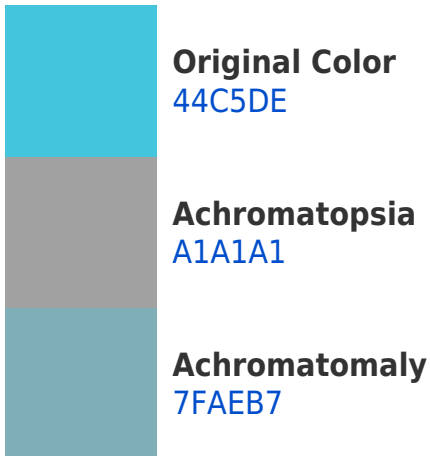


Tritanopia
3FC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44C5DE 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 #44C5DE looks like.

```
.text, #text, p{  
    color:#44C5DE  
}
```

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 #44C5DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44C5DE
}
```

Border

The CSS property to change the border of an element to Hex 44C5DE 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
#44C5DE }
```

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

```
.border{ border-color:#44C5DE }
```

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

Here you see how a box with a 4 pixel #44C5DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44C5DE; -webkit-box-shadow:4px 4px  
4px 4px #44C5DE; box-shadow:4px 4px 4px  
4px #44C5DE }
```

Background

The CSS property to change the background color of an element to Hex 44C5DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44C5DE }
```

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

```
.background{ background-color:#44C5DE }
```

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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