

Converting Colors

Hex(45B5DC)

Have a look what the booklet for
Hex(45B5DC) contains.

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Color

Hex(45B5DC)

Conversions

Conversions Part 1

Format	Color
Hex	45B5DC
RGB	69, 181, 220
RGB Percent	27%, 71%, 86%
CMY	0.7294, 0.2902, 0.1373
CMYK	0.69, 0.18, 0.00, 0.14
HSL	195°, 68%, 57%
HSV	195°, 69%, 86%
XYZ	31.8964, 39.4803, 73.6495
YIQ	151.9580, -79.2710, -11.6150

Conversions

Conversions Part 2

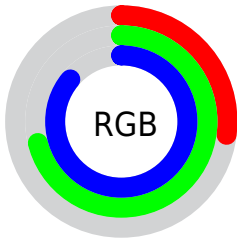
Format	Color
R_{YB}	69, 133, 220
Decimal	4568540
CIE _{Lab}	69.10, -19.34, -28.84
CIE _{LCh}	69, 34.727, 236.156
Yxy	39.4803, 0.2199, 0.2722
Android (android.graphics.Color)	4282758620 (0xFF45B5DC)
YUV	151.9580, 33.5447, -72.7542
Hunter-Lab	62.8333, -19.3455, -25.5129

Details

The Hex color **45B5DC** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **DC6C45**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **86EDFF**, and **0080A5** is the 20% darker color. If you saturate the color by 10%, you get **2FAFDC**, and if you desaturate by 10%, it is **5BBBDC**.

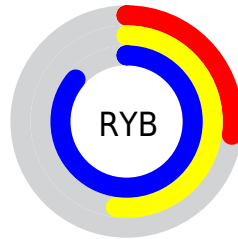
Distribution



Red (27%)

Green (71%)

Blue (86%)



Red (27%)

Yellow (52%)

Blue (86%)

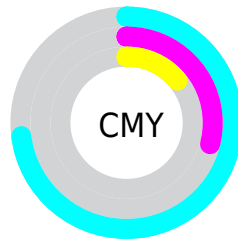


Cyan (69%)

Magenta (18%)

Yellow (0%)

Black (14%)



Cyan (73%)

Magenta (29%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45B5DC 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 45B5DC by changing the saturation by 10% instead.

 45B5DC

 45B5DC

FFFFFF

 179AC0

 86EDFF

 0080A5

 A4FFFF

 00678A

 C2FFFF

 004F71

 E1FFFF

 003858

 002341

 00032B

 000115

 000000

■ 45B5DC

■ 45B5DC

■ 2FAFDC

■ 5BBBDC

■ 19AADC

■ 71C0DC

■ 03A4DC

■ 87C6DC

■ 00A3DC

■ 9DCCDC

■ B3D1DC

■ C9D7DC

■ DFDDDC

■ F5E2DC

■ FFE8DC

Harmonies

Analogous

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



35B9C3



45B5DC



76ADE7

Triad

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



45B5DC



E291AE



A1AF6F

Complementary

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



45B5DC



DC6C45

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.



C2A56A



45B5DC



E6928F

Square

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



45B5DC



CD97CC



DA9B75



7DB685

Rectangle

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



45B5DC



97A6E5



DA9B75



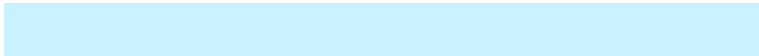
ADAC6B

Sweetspot

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



45B5DC



C9F1FF



45DC6B



607780



000000



808080

Same Dimension

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



45B5DC



2EC9FF



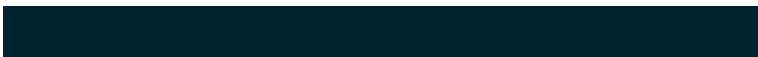
456BDC



636B6E



0081AD



00222E

Inverse Universe

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



DC45B5



FF2EC9



DCB645



6E636B



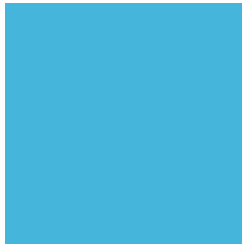
AD0081



2E0022

Previews

White Background



This preview shows how the Hex color 45B5DC looks on a white background.

Color Contrast Check

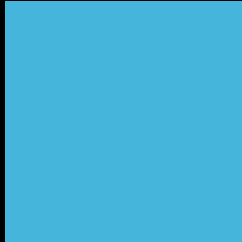
Large Text (above 18pt) WCAG AA × Fail

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 45B5DC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

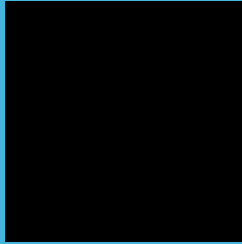
Any Text WCAG AA ✓ Pass

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 45B5DC Background



This preview shows how black text looks on a background with the Hex color 45B5DC.

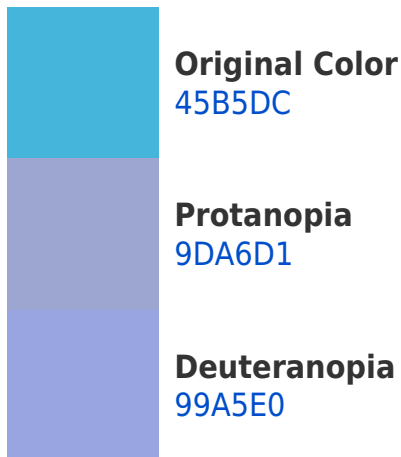


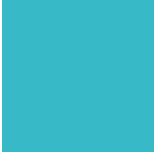
This preview shows how white text looks on a background with the Hex color 45B5DC.

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](#).

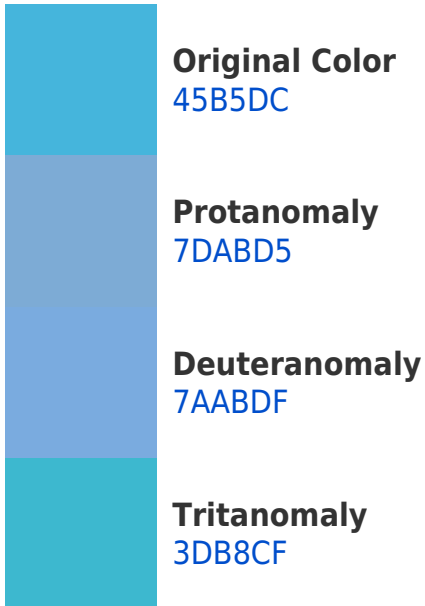
Dichromacy



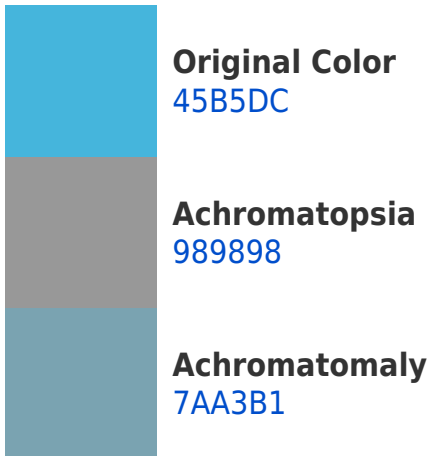


Tritanopia
38B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45B5DC 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 #45B5DC looks like.

```
.text, #text, p{  
    color:#45B5DC  
}
```

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 #45B5DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45B5DC
}
```

Border

The CSS property to change the border of an element to Hex 45B5DC 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
#45B5DC }
```

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

```
.border{ border-color:#45B5DC }
```

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

Here you see how a box with a 4 pixel #45B5DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45B5DC; -webkit-box-shadow:4px 4px  
4px 4px #45B5DC; box-shadow:4px 4px 4px  
4px #45B5DC }
```

Background

The CSS property to change the background color of an element to Hex 45B5DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45B5DC }
```

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

```
.background{ background-color:#45B5DC }
```

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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