

Converting Colors

Hex(45B4B4)

Have a look what the booklet for
Hex(45B4B4) contains.

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Color

Hex(45B4B4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 45B4B4 |
| RGB | 69, 180, 180 |
| RGB Percent | 27%, 71%, 71% |
| CMY | 0.7294, 0.2941, 0.2941 |
| CMYK | 0.62, 0.00, 0.00, 0.29 |
| HSL | 180°, 45%, 49% |
| HSV | 180°, 62%, 71% |
| XYZ | 27.0137, 37.2030, 48.9371 |
| YIQ | 146.8110, -66.1560, -23.5320 |

Conversions

Conversions Part 2

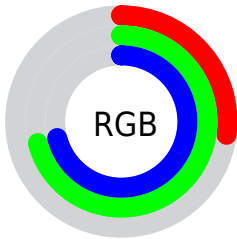
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 69, 125, 180 |
| Decimal | 4568244 |
| CIELab | 67.43, -30.87, -9.36 |
| CIElCh | 67, 32.255, 196.861 |
| Yxy | 37.2030, 0.2387, 0.3288 |
| Android (android.graphics.Color) | 4282758324 (0xFF45B4B4) |
| YUV | 146.8110, 16.3622, -68.2402 |
| Hunter-Lab | 60.9943, -27.6842, -4.8738 |

Details

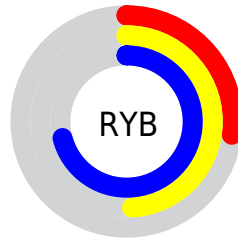
The Hex color **45B4B4** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B44545**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **82ECEC**, and **007F7F** is the 20% darker color. If you saturate the color by 10%, you get **33B4B4**, and if you desaturate by 10%, it is **57B4B4**.

Distribution



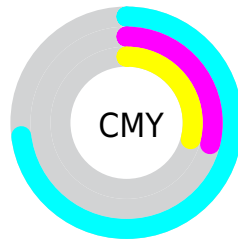
- Red (27%)
- Green (71%)
- Blue (71%)



- Red (27%)
- Yellow (49%)
- Blue (71%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45B4B4 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 45B4B4 by changing the saturation by 10% instead.



45B4B4



45B4B4

FFFFFF



1F9999



82ECEC



007F7F



9FFFFFF



006566



BCFFFF



004D4E



DAFFFF



003538



F8FFFF



002222



00000C



000000



45B4B4



45B4B4

33B4B4

57B4B4

21B4B4

69B4B4

0FB4B4

7BB4B4

00B4B4

8DB4B4

9FB4B4

B1B4B4

C3B4B4

D5B4B4

E7B4B4

Harmonies

Analogous

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



64B396



45B4B4



44B1CE

Triad

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



45B4B4



BC97CC



C49E6C

Complementary

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



45B4B4



B44545

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.



D7947B



45B4B4



D590B2

Square

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



45B4B4



96A1DC



DE8F95



A8A86C

Rectangle

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



45B4B4



5AADD9



DE8F95



CB9B6F

Sweetspot

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



45B4B4



BEEBEB



45B445



5A7575



F5F5F5



757575

Same Dimension

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



45B4B4



3DEBEB



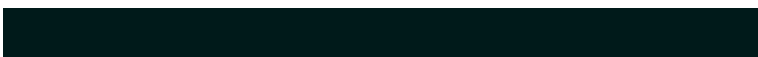
457DB4



505959



009999



001A1A

Inverse Universe

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



B445B4



EB3DEB



B47D45



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 45B4B4 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 45B4B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

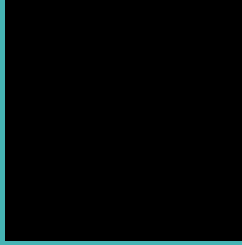
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

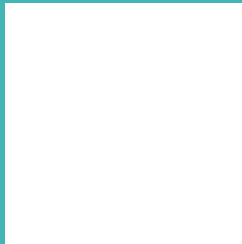
Any Text WCAG AAA ✓ Pass

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

Hex 45B4B4 Background



This preview shows how black text looks on a background with the Hex color 45B4B4.

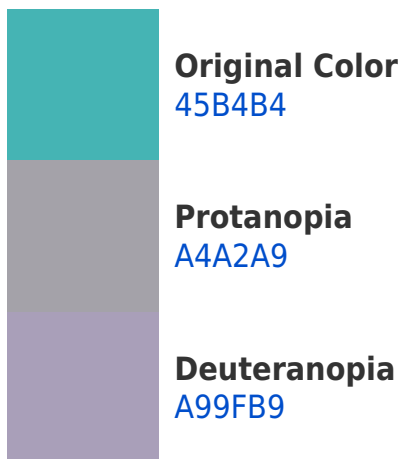


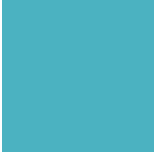
This preview shows how white text looks on a background with the Hex color 45B4B4.

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](#).

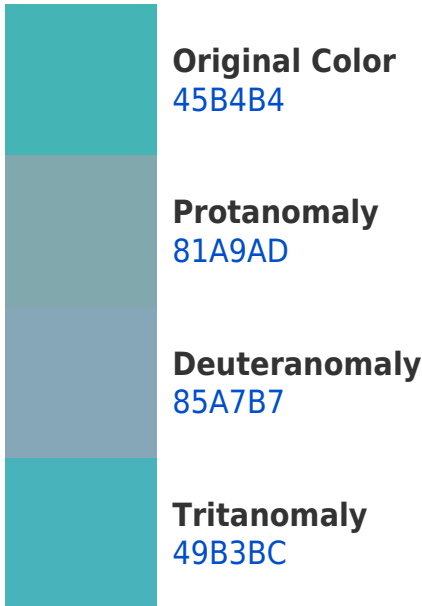
Dichromacy





Tritanopia
4BB2C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45B4B4 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 #45B4B4 looks like.

```
.text, #text, p{  
    color:#45B4B4  
}
```

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 #45B4B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45B4B4
}
```

Border

The CSS property to change the border of an element to Hex 45B4B4 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
#45B4B4 }
```

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

```
.border{ border-color:#45B4B4 }
```

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

Here you see how a box with a 4 pixel #45B4B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45B4B4; -webkit-box-shadow:4px 4px  
4px 4px #45B4B4; box-shadow:4px 4px 4px  
4px #45B4B4 }
```

Background

The CSS property to change the background color of an element to Hex 45B4B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45B4B4 }
```

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

```
.background{ background-color:#45B4B4 }
```

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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