

Converting Colors

Hex(45A4B5)

Have a look what the booklet for
Hex(45A4B5) contains.

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Color

Hex(45A4B5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 45A4B5 |
| RGB | 69, 164, 181 |
| RGB Percent | 27%, 64%, 71% |
| CMY | 0.7294, 0.3569, 0.2902 |
| CMYK | 0.62, 0.09, 0.00, 0.29 |
| HSL | 189°, 45%, 49% |
| HSV | 189°, 62%, 71% |
| XYZ | 24.0702, 31.1523, 48.4604 |
| YIQ | 137.5330, -62.0770, -14.8530 |

Conversions

Conversions Part 2

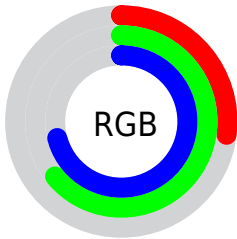
| Format | Color |
|-------------------------------------|---|
| RYB | 69, 120, 181 |
| Decimal | 4564149 |
| CIELab | 62.64, -22.61, -17.12 |
| CIELCh | 63, 28.362, 217.132 |
| Yxy | 31.1523, 0.2322, 0.3005 |
| Android (android.graphics.Color) | 4282754229 (0xFF45A4B5) |
| YUV | 137.5330, 21.4292, -60.1034 |
| Hunter-Lab | 55.8143, -20.6959, -12.4082 |

Details

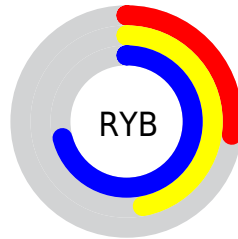
The Hex color **45A4B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B55645**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **80DBED**, and **007080** is the 20% darker color. If you saturate the color by 10%, you get **33A1B5**, and if you desaturate by 10%, it is **57A7B5**.

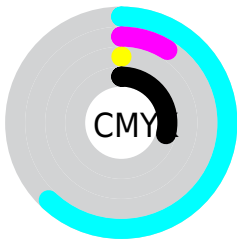
Distribution



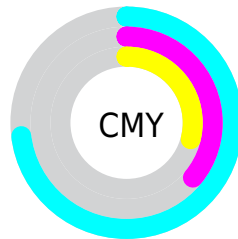
- Red (27%)
- Green (64%)
- Blue (71%)



- Red (27%)
- Yellow (47%)
- Blue (71%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (29%)



- Cyan (73%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A4B5 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 45A4B5 by changing the saturation by 10% instead.



45A4B5



45A4B5

FFFFFF



218A9A



80DBED



007080



9DF8FF



005767



BAEFFF



00404F



D8FFFF



002938



F6FFFF



001223



00000B



000000



45A4B5



45A4B5

■ 33A1B5

■ 57A7B5

■ 219FB5

■ 69A9B5

■ 0F9CB5

■ 7BACB5

■ 009AB5

■ 8DAFB5

■ A0B2B5

■ B2B4B5

■ C4B7B5

■ D6BAB5

■ E8BDB5

Harmonies

Analogous

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



4FA59D



45A4B5



5A9FC5

Triad

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



45A4B5



BD87AC



A39865

Complementary

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



45A4B5



B55645

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.



BA8F6A



45A4B5



C98592

Square

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



45A4B5



A38FC0



C7887A



889F6F

Rectangle

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



45A4B5



729BC9



C7887A



AB9565

Sweetspot

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



45A4B5



BEE4EB



45B556



5A7175



F5F5F5



757575

Same Dimension

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



45A4B5



3DD0EB



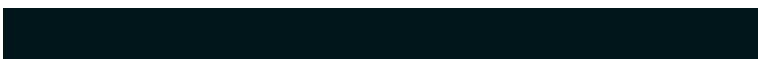
456CB5



505859



008299



00161A

Inverse Universe

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



B545A4



EB3DD0



B58E45



595058



990082



1A0016

Previews

White Background



This preview shows how the Hex color 45A4B5 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 45A4B5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

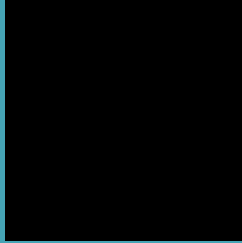
Any Text WCAG AA ✓ Pass

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 45A4B5 Background



This preview shows how black text looks on a background with the Hex color 45A4B5.

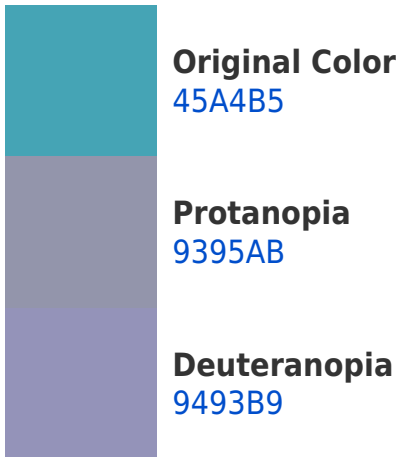


This preview shows how white text looks on a background with the Hex color 45A4B5.

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
44A5B2

Trichromacy



Original Color
45A4B5

Protanomaly
779AAF

Deuteranomaly
7799B8

Tritanomaly
44A5B3

Monochromacy



Original Color
45A4B5

Achromatopsia
8A8A8A

Achromatomaly
71939A

CSS Examples

Text

The CSS property to change the color of the text to Hex 45A4B5 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 #45A4B5 looks like.

```
.text, #text, p{  
    color:#45A4B5  
}
```

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 #45A4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A4B5
}
```

Border

The CSS property to change the border of an element to Hex 45A4B5 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
#45A4B5 }
```

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

```
.border{ border-color:#45A4B5 }
```

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

Here you see how a box with a 4 pixel #45A4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A4B5; -webkit-box-shadow:4px 4px  
4px 4px #45A4B5; box-shadow:4px 4px 4px  
4px #45A4B5 }
```

Background

The CSS property to change the background color of an element to Hex 45A4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A4B5 }
```

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

```
.background{ background-color:#45A4B5 }
```

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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