

Converting Colors

Hex(40A4B5)

Have a look what the booklet for
Hex(40A4B5) contains.

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Color

Hex(40A4B5)

Conversions

Conversions Part 1

Format	Color
Hex	40A4B5
RGB	64, 164, 181
RGB Percent	25%, 64%, 71%
CMY	0.7490, 0.3569, 0.2902
CMYK	0.65, 0.09, 0.00, 0.29
HSL	189°, 48%, 48%
HSV	189°, 65%, 71%
XYZ	23.7303, 30.9771, 48.4445
YIQ	136.0380, -65.0570, -15.9130

Conversions

Conversions Part 2

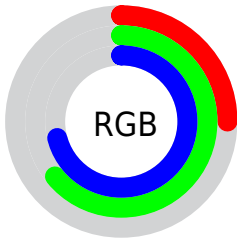
Format	Color
RYB	64, 118, 181
Decimal	4236469
CIELab	62.49, -23.47, -17.36
CIElCh	62, 29.192, 216.487
Yxy	30.9771, 0.2301, 0.3003
Android (android.graphics.Color)	4282426549 (0xFF40A4B5)
YUV	136.0380, 22.1663, -63.1773
Hunter-Lab	55.6571, -21.2935, -12.6467

Details

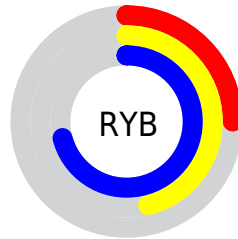
The Hex color **40A4B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B55140**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7DDBED**, and **007080** is the 20% darker color. If you saturate the color by 10%, you get **2EA1B5**, and if you desaturate by 10%, it is **52A7B5**.

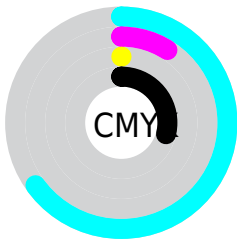
Distribution



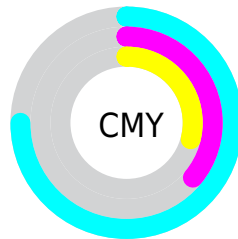
- Red (25%)
- Green (64%)
- Blue (71%)



- Red (25%)
- Yellow (46%)
- Blue (71%)



- Cyan (65%)
- Magenta (9%)
- Yellow (0%)
- Black (29%)



- Cyan (75%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A4B5 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 40A4B5 by changing the saturation by 10% instead.



40A4B5



40A4B5

FFFFFF



198A9A



7DDBED



007080



9AF8FF



005767



B7FFFF



00404F



D4FFFF



002938



F2FFFF



001223



00000B



000000



40A4B5



40A4B5

■ 2EA1B5

■ 52A7B5

■ 1C9FB5

■ 64A9B5

■ 0A9CB5

■ 76ACB5

■ 009BB5

■ 88AFB5

■ 9BB1B5

■ ADB4B5

■ BFB6B5

■ D1B9B5

■ E3BCB5

Harmonies

Analogous

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



4CA59C



40A4B5



569FC6

Triad

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



40A4B5



BD87AC



A49763

Complementary

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



40A4B5



B55140

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.



BA8E68



40A4B5



CA8492

Square

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



40A4B5



A28EC1



C8877A



879F6D

Rectangle

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



40A4B5



709ACA



C8877A



AC9463

Sweetspot

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



40A4B5



BEE4EB



40B550



5A7175



F5F5F5



757575

Same Dimension

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



40A4B5



34D0EB



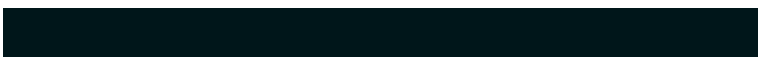
406BB5



505859



008399



00161A

Inverse Universe

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



B540A4



EB34D0



B58A40



595058



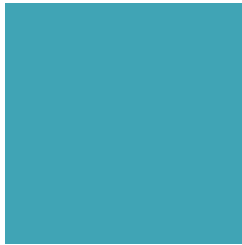
990083



1A0016

Previews

White Background



This preview shows how the Hex color 40A4B5 looks on a white background.

Color Contrast Check

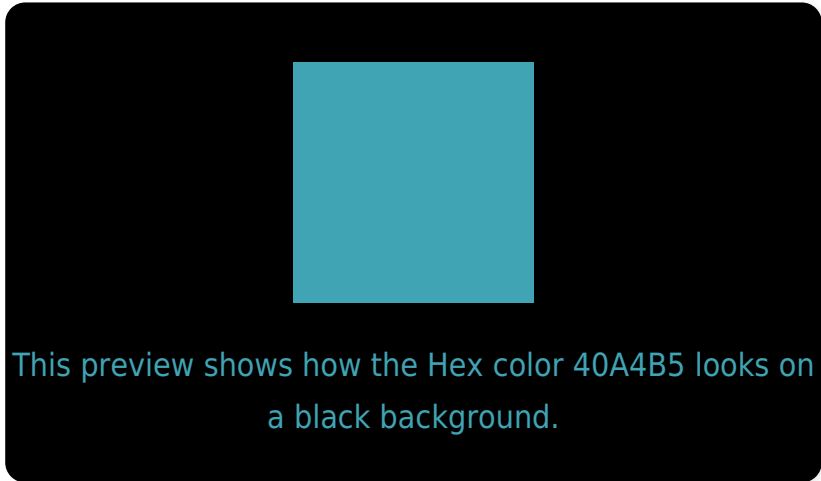
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

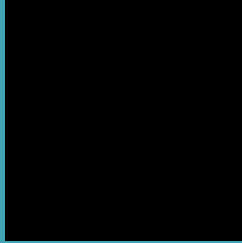
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

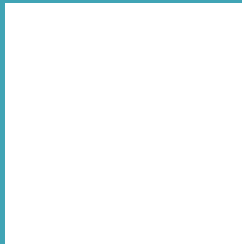
Any Text WCAG AAA ✓ Pass

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

Hex 40A4B5 Background



This preview shows how black text looks on a background with the Hex color 40A4B5.

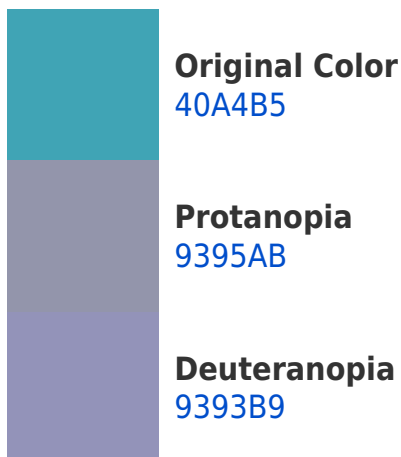


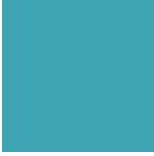
This preview shows how white text looks on a background with the Hex color 40A4B5.

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](#).

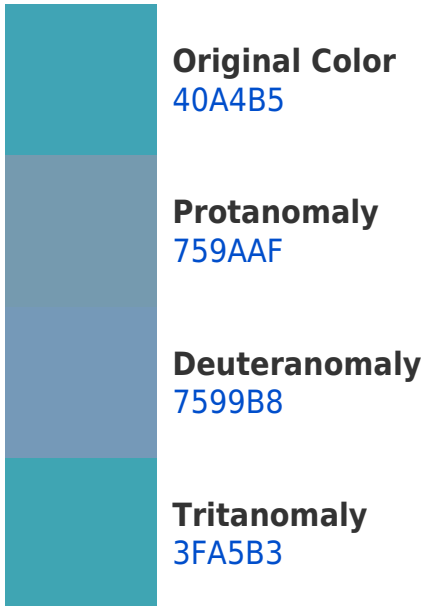
Dichromacy



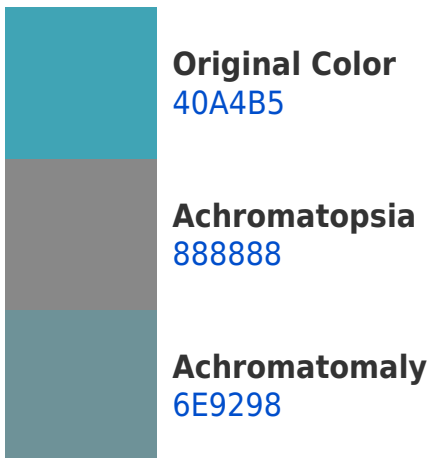


Tritanopia
3EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40A4B5 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 #40A4B5 looks like.

```
.text, #text, p{  
    color:#40A4B5  
}
```

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 #40A4B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A4B5
}
```

Border

The CSS property to change the border of an element to Hex 40A4B5 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
#40A4B5 }
```

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

```
.border{ border-color:#40A4B5 }
```

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

Here you see how a box with a 4 pixel #40A4B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A4B5; -webkit-box-shadow:4px 4px  
4px 4px #40A4B5; box-shadow:4px 4px 4px  
4px #40A4B5 }
```

Background

The CSS property to change the background color of an element to Hex 40A4B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A4B5 }
```

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

```
.background{ background-color:#40A4B5 }
```

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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