

Converting Colors

Hex(45A0D3)

Have a look what the booklet for
Hex(45A0D3) contains.

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Color

Hex(45A0D3)

Conversions

Conversions Part 1

Format	Color
Hex	45A0D3
RGB	69, 160, 211
RGB Percent	27%, 63%, 83%
CMY	0.7294, 0.3725, 0.1725
CMYK	0.67, 0.24, 0.00, 0.17
HSL	202°, 62%, 55%
HSV	202°, 67%, 83%
XYZ	26.7829, 31.1100, 66.2212
YIQ	138.6050, -70.6070, -3.4310

Conversions

Conversions Part 2

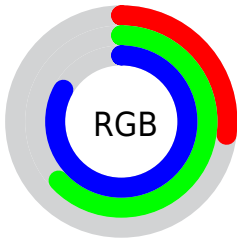
Format	Color
R _Y B	69, 124, 211
Decimal	4563155
CIE Lab	62.60, -10.99, -33.93
CIE LCh	63, 35.669, 252.048
Yxy	31.1100, 0.2158, 0.2507
Android (android.graphics.Color)	4282753235 (0xFF45A0D3)
YUV	138.6050, 35.6907, -61.0436
Hunter-Lab	55.7763, -11.8956, -31.3495

Details

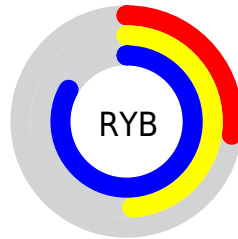
The Hex color **45A0D3** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **D37845**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **84D7FF**, and **006D9C** is the 20% darker color. If you saturate the color by 10%, you get **3098D3**, and if you desaturate by 10%, it is **5AA8D3**.

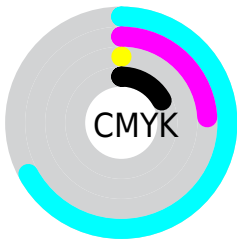
Distribution



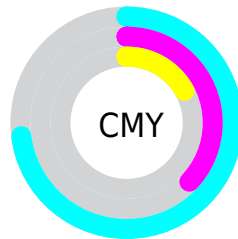
- Red (27%)
- Green (63%)
- Blue (83%)



- Red (27%)
- Yellow (49%)
- Blue (83%)



- Cyan (67%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)



- Cyan (73%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A0D3 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 45A0D3 by changing the saturation by 10% instead.

■ 45A0D3

■ 45A0D3

FFFFFF

■ 1C86B7

■ 84D7FF

■ 006D9C

■ A1F3FF

■ 005482

■ BFFFFF

■ 003D69

■ DDDFFF

■ 002850

■ FBBBBF

■ 001439

■ 000223

■ 00000A

■ 000000

■ 45A0D3

■ 45A0D3

■ 3098D3

■ 5AA8D3

■ 1B91D3

■ 6FAFD3

■ 0689D3

■ 84B7D3

■ 0087D3

■ 99BED3

■ AEC6D3

■ C4CDD3

■ D9D5D3

■ EEDDD3

■ FFE4D3

Harmonies

Analogous

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



00A6C1



45A0D3



7E96D5

Triad

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



45A0D3



D57F8C



7CA267

Complementary

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



45A0D3



D37845

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.



9F9A58



45A0D3



D0846E

Square

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



45A0D3



C981AC



BC8F5B



54A783

Rectangle

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



45A0D3



9E8ECD



BC8F5B



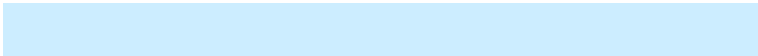
899F61

Sweetspot

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



45A0D3



CCEDFF



45D377



617580



000000



808080

Same Dimension

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



45A0D3



30B5FF



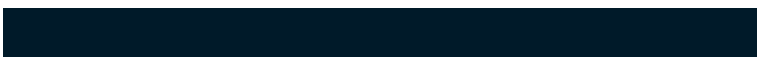
455AD3



5E6569



006CA8



001A29

Inverse Universe

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



D345A0



FF30B5



D3BE45



695E65



A8006C



29001A

Previews

White Background



This preview shows how the Hex color 45A0D3 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 45A0D3 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

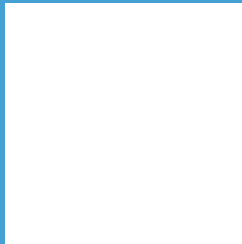
Any Text WCAG AAA ✓ Pass

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

Hex 45A0D3 Background



This preview shows how black text looks on a background with the Hex color 45A0D3.

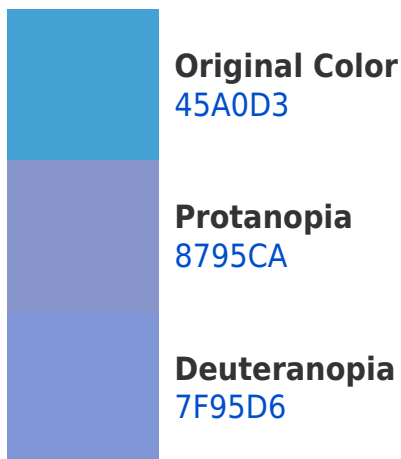


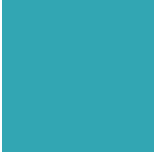
This preview shows how white text looks on a background with the Hex color 45A0D3.

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](#).

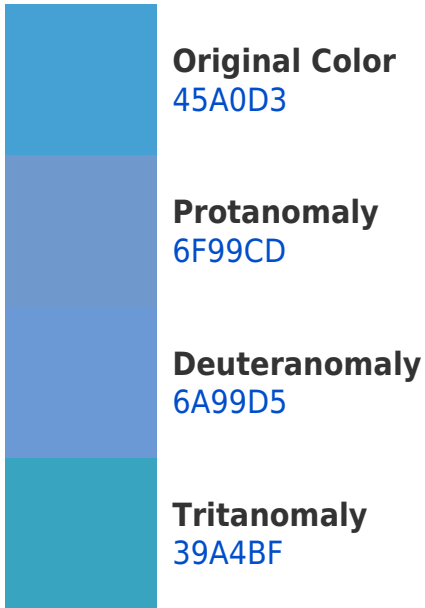
Dichromacy



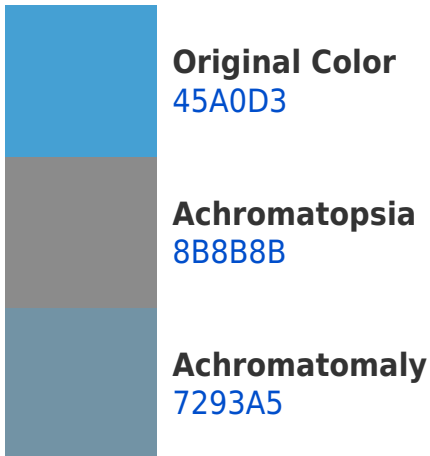


Tritanopia
32A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A0D3 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 #45A0D3 looks like.

```
.text, #text, p{  
    color:#45A0D3  
}
```

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 #45A0D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A0D3
}
```

Border

The CSS property to change the border of an element to Hex 45A0D3 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
#45A0D3 }
```

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

```
.border{ border-color:#45A0D3 }
```

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

Here you see how a box with a 4 pixel #45A0D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A0D3; -webkit-box-shadow:4px 4px  
4px 4px #45A0D3; box-shadow:4px 4px 4px  
4px #45A0D3 }
```

Background

The CSS property to change the background color of an element to Hex 45A0D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A0D3 }
```

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

```
.background{ background-color:#45A0D3 }
```

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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