

# Converting Colors

Hex(44B1E8)

Have a look what the booklet for  
Hex(44B1E8) contains.

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# **Color**

**Hex(44B1E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44B1E8
RGB	68, 177, 232
RGB Percent	27%, 69%, 91%
CMY	0.7333, 0.3059, 0.0902
CMYK	0.71, 0.24, 0.00, 0.09
HSL	200°, 78%, 59%
HSV	200°, 71%, 91%
XYZ	32.6715, 38.4994, 82.0531
YIQ	150.6790, -82.6190, -6.0030

# Conversions

## Conversions Part 2

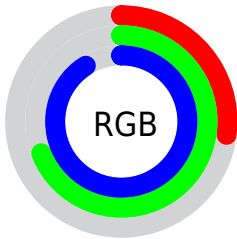
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 133, 232
Decimal	4501992
CIE <sub>Lab</sub>	68.39, -13.49, -36.51
CIE <sub>LCh</sub>	68, 38.918, 249.725
Yxy	38.4994, 0.2132, 0.2513
Android (android.graphics.Color)	4282692072 (0xFF44B1E8)
YUV	150.6790, 40.0913, -72.5095
Hunter-Lab	62.0479, -14.5941, -34.9725

# Details

The Hex color **44B1E8** 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 **E87B44**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **86E9FF**, and **007CB0** is the 20% darker color. If you saturate the color by 10%, you get **2DA9E8**, and if you desaturate by 10%, it is **5BB9E8**.

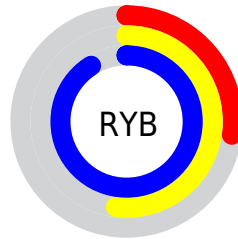
# Distribution



Red (27%)

Green (69%)

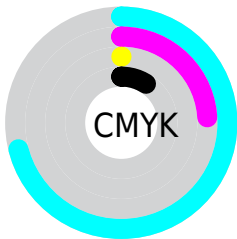
Blue (91%)



Red (27%)

Yellow (52%)

Blue (91%)

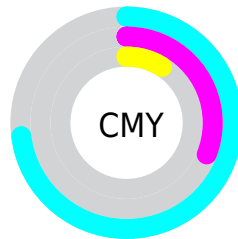


Cyan (71%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (73%)

Magenta (31%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44B1E8 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 44B1E8 by changing the saturation by 10% instead.



■ 44B1E8

■ 44B1E8

FFFFFF

■ 1096CC

■ 86E9FF

■ 007CB0

■ A5FFFF

■ 006495

■ C4FFFF

■ 004C7B

■ E2FFFF

■ 003562

■ 00204A

■ 000433

■ 00021D

■ 000000

■ 44B1E8

■ 44B1E8

■ 2DA9E8

■ 5BB9E8

■ 16A1E8

■ 72C1E8

■ 009AE8

■ 8AC8E8

■ A1D0E8

■ B8D8E8

■ CFE0E8

■ E6E7E8

■ FEEFE8

■ FFF7E8

# Harmonies

## Analogous

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



00B7D3



44B1E8



86A6EC

# Triad

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



44B1E8



EB8B9C



8CB26F

# Complementary

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



44B1E8



E87B44

# 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.



B2A860



44B1E8



E6917B

# Square

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



44B1E8



DC8EC0



D29C65



5FB88D

# Rectangle

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



44B1E8



AA9EE4



D29C65



99AF68

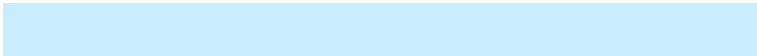


# Sweetspot

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



44B1E8



C9EDFF



44E87B



607580



000000



808080



# Same Dimension

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



44B1E8



26B6FF



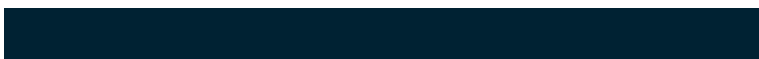
445FE8



676F73



0077B3



002233



# Inverse Universe

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



E844B1



FF26B6



E8CD44



73676F



B30077

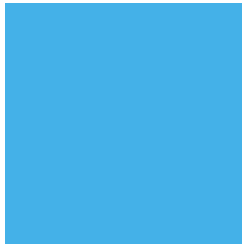


330022



# Previews

## White Background



This preview shows how the Hex color 44B1E8 looks on a white background.

## Color Contrast Check

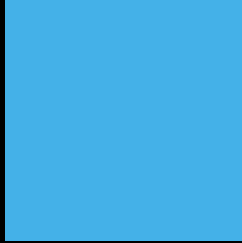
Large Text (above 18pt) WCAG AA × Fail

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 44B1E8 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

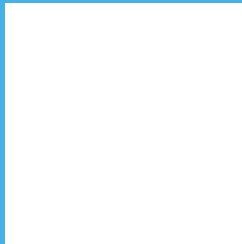
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 44B1E8 Background



This preview shows how black text looks on a background with the Hex color 44B1E8.

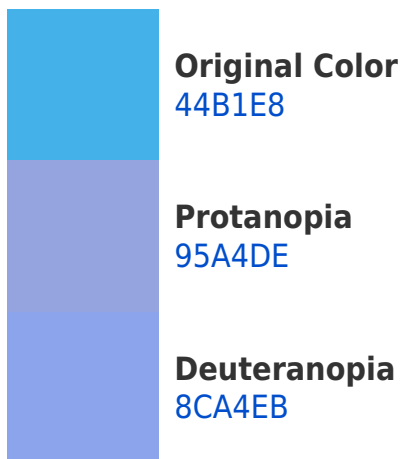


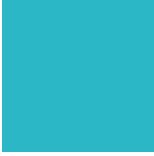
This preview shows how white text looks on a background with the Hex color 44B1E8.

# 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](#).

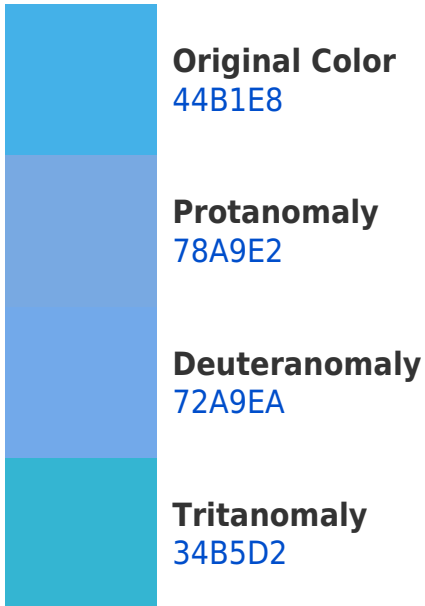
## Dichromacy





**Tritanopia**  
2BB7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44B1E8 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 #44B1E8 looks like.

```
.text, #text, p{  
    color:#44B1E8  
}
```

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 #44B1E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44B1E8
}
```

## Border

The CSS property to change the border of an element to Hex 44B1E8 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
#44B1E8 }
```

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

```
.border{ border-color:#44B1E8 }
```

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

Here you see how a box with a 4 pixel #44B1E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44B1E8; -webkit-box-shadow:4px 4px  
4px 4px #44B1E8; box-shadow:4px 4px 4px  
4px #44B1E8 }
```

# Background

The CSS property to change the background color of an element to Hex 44B1E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44B1E8 }
```

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

```
.background{ background-color:#44B1E8 }
```

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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