

Converting Colors

Hex(44AFB1)

Have a look what the booklet for
Hex(44AFB1) contains.

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Color

Hex(44AFB1)

Conversions

Conversions Part 1

Format	Color
Hex	44AFB1
RGB	68, 175, 177
RGB Percent	27%, 69%, 69%
CMY	0.7333, 0.3137, 0.3059
CMYK	0.62, 0.01, 0.00, 0.31
HSL	181°, 44%, 48%
HSV	181°, 62%, 69%
XYZ	25.6497, 35.0632, 47.0110
YIQ	143.2350, -64.4140, -22.0620

Conversions

Conversions Part 2

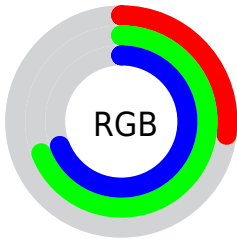
Format	Color
RYB	68, 122, 177
Decimal	4501425
CIELab	65.80, -29.47, -10.13
CIELCh	66, 31.159, 198.974
Yxy	35.0632, 0.2381, 0.3255
Android (android.graphics.Color)	4282691505 (0xFF44AFB1)
YUV	143.2350, 16.6461, -65.9811
Hunter-Lab	59.2142, -26.3044, -5.6212

Details

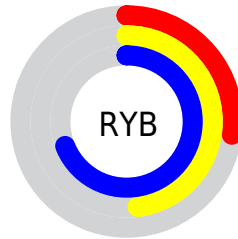
The Hex color **44AFB1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B14644**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **80E7E9**, and **007A7C** is the 20% darker color. If you saturate the color by 10%, you get **32AFB1**, and if you desaturate by 10%, it is **56AFB1**.

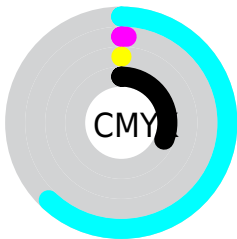
Distribution



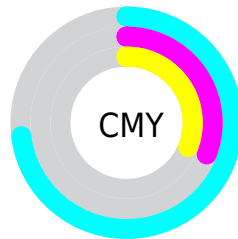
- Red (27%)
- Green (69%)
- Blue (69%)



- Red (27%)
- Yellow (48%)
- Blue (69%)



- Cyan (62%)
- Magenta (1%)
- Yellow (0%)
- Black (31%)



- Cyan (73%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44AFB1 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 44AFB1 by changing the saturation by 10% instead.

 44AFB1

 44AFB1

FFFFFF

 1F9496

 80E7E9

 007A7C

 9DFFFF

 006164

 BBFFFF

 00484C

 D8FFFF

 003135

 F6FFFF

 001E20

 000007

 000000

 44AFB1

 44AFB1

■ 32AFB1

■ 56AFB1

■ 21AEB1

■ 67B0B1

■ 0FAEB1

■ 79B0B1

■ 00AEB1

■ 8BB0B1

■ 9DB1B1

■ AEB1B1

■ C0B1B1

■ D2B2B1

■ E3B2B1

Harmonies

Analogous

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



60AE94



44AFB1



46ACC9

Triad

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



44AFB1



B993C5



BC9B69

Complementary

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



44AFB1



B14644

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.



D09177



44AFB1



D08CAB

Square

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



44AFB1



959CD4



D78B8F



A1A46A

Rectangle

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



44AFB1



5CA8D3



D78B8F



C4976C

Sweetspot

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



44AFB1



BCE5E6



44B146



5A7273



F2F2F2



737373

Same Dimension

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



44AFB1



3CE2E6



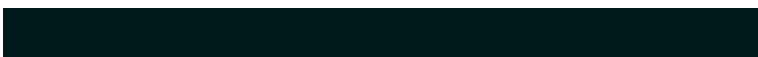
4479B1



505959



009699



00191A

Inverse Universe

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



B144AF



E63CE2



B17C44



595059



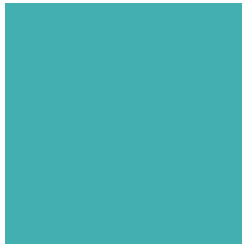
990096



1A0019

Previews

White Background



This preview shows how the Hex color 44AFB1 looks on a white background.

Color Contrast Check

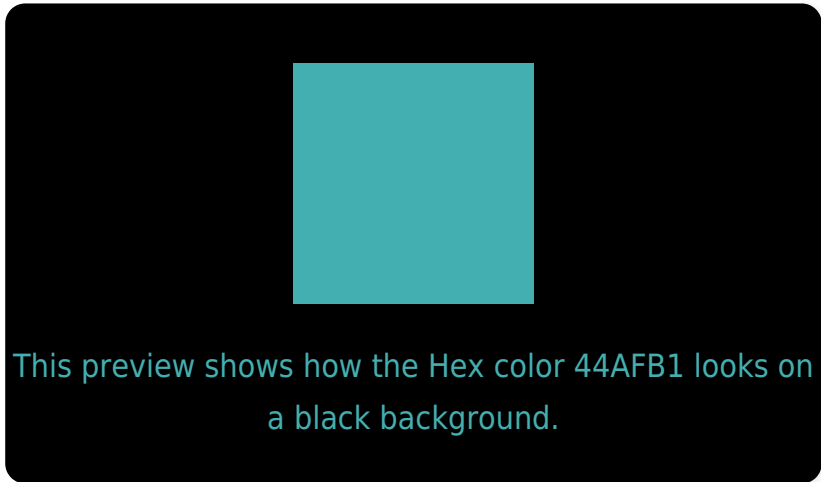
Large Text (above 18pt) WCAG AA × Fail

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

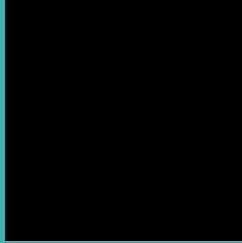
Any Text WCAG AA ✓ Pass

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 44AFB1 Background



This preview shows how black text looks on a background with the Hex color 44AFB1.

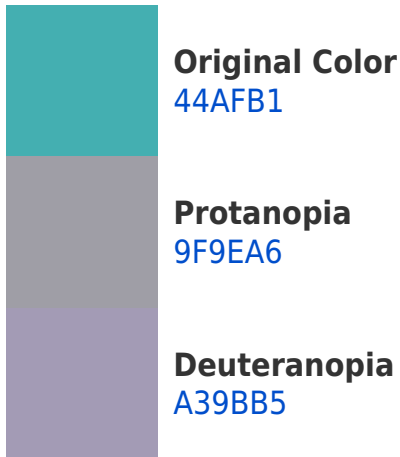


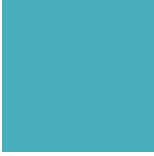
This preview shows how white text looks on a background with the Hex color 44AFB1.

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](#).

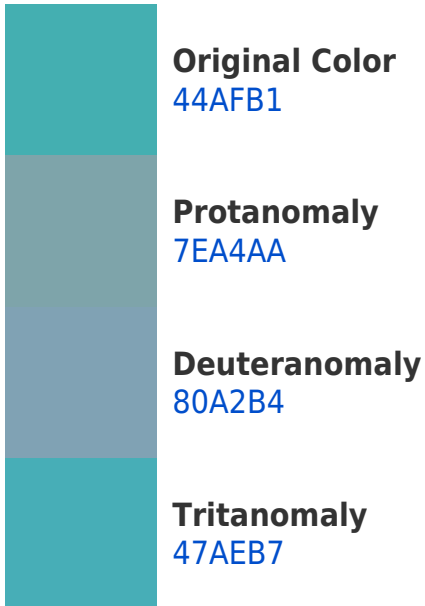
Dichromacy



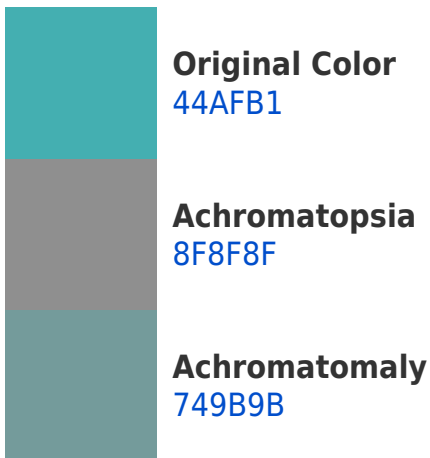


Tritanopia
49ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44AFB1 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 #44AFB1 looks like.

```
.text, #text, p{  
    color:#44AFB1  
}
```

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 #44AFB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44AFB1  
}
```

Border

The CSS property to change the border of an element to Hex 44AFB1 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  
#44AFB1 }
```

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

```
.border{ border-color:#44AFB1 }
```

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

Here you see how a box with a 4 pixel #44AFB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44AFB1; -webkit-box-shadow:4px 4px  
4px 4px #44AFB1; box-shadow:4px 4px 4px  
4px #44AFB1 }
```

Background

The CSS property to change the background color of an element to Hex 44AFB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44AFB1 }
```

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

```
.background{ background-color:#44AFB1 }
```

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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