

Converting Colors

Hex(44B495)

Have a look what the booklet for
Hex(44B495) contains.

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Color

Hex(44B495)

Conversions

Conversions Part 1

Format	Color
Hex	44B495
RGB	68, 180, 149
RGB Percent	27%, 71%, 58%
CMY	0.7333, 0.2941, 0.4157
CMYK	0.62, 0.00, 0.17, 0.29
HSL	163°, 45%, 49%
HSV	163°, 62%, 71%
XYZ	24.1300, 36.0414, 34.1187
YIQ	142.9780, -56.8010, -33.3850

Conversions

Conversions Part 2

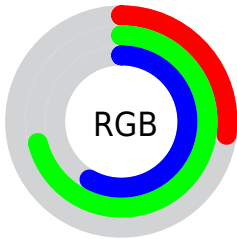
Format	Color
RYB	68, 133, 180
Decimal	4502677
CIELab	66.55, -39.23, 6.49
CIElCh	67, 39.759, 170.611
Yxy	36.0414, 0.2559, 0.3822
Android (android.graphics.Color)	4282692757 (0xFF44B495)
YUV	142.9780, 2.9688, -65.7557
Hunter-Lab	60.0345, -33.3149, 8.3286

Details

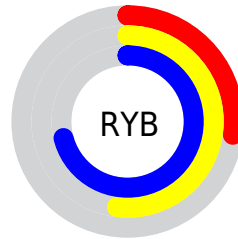
The Hex color **44B495** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B44463**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7FECCB**, and **007E62** is the 20% darker color. If you saturate the color by 10%, you get **32B490**, and if you desaturate by 10%, it is **56B49A**.

Distribution



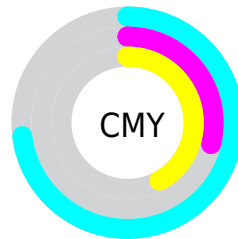
- Red (27%)
- Green (71%)
- Blue (58%)



- Red (27%)
- Yellow (52%)
- Blue (71%)



- Cyan (62%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)



- Cyan (73%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44B495 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 44B495 by changing the saturation by 10% instead.



44B495



44B495

FFFFFF



20997B



7FECCB



007E62



9CFFE7



00654B



B9FFFF



004C34



D7FFFF



00341F



F4FFFF



001F07



000000



44B495



44B495



32B490



56B49A

■ 20B48B

■ 68B49F

■ 0EB486

■ 7AB4A4

■ 00B482

■ 8CB4A9

■ 9EB4AE

■ B0B4B3

■ C2B4B8

■ D4B4BD

■ E6B4C2

Harmonies

Analogous

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



77B073



44B495



00B5BA

Triad

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



44B495



959DE5



DC8F6C

Complementary

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



44B495



B44463

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.



E7878B



44B495



C490D0

Square

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



44B495



55A9E8



DF87AF



C39C5B

Rectangle

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



44B495



00B3CF



DF87AF



E18C75

Sweetspot

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



44B495



BEEBDE



64B444



5A756E



F5F5F5



757575

Same Dimension

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



44B495



3BEBBA



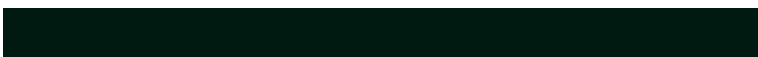
449CB4



505957



00996F



001A12

Inverse Universe

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



B44463



EB3B6B



B45C44



595053



99002A



1A0007

Previews

White Background



This preview shows how the Hex color 44B495 looks on a white background.

Color Contrast Check

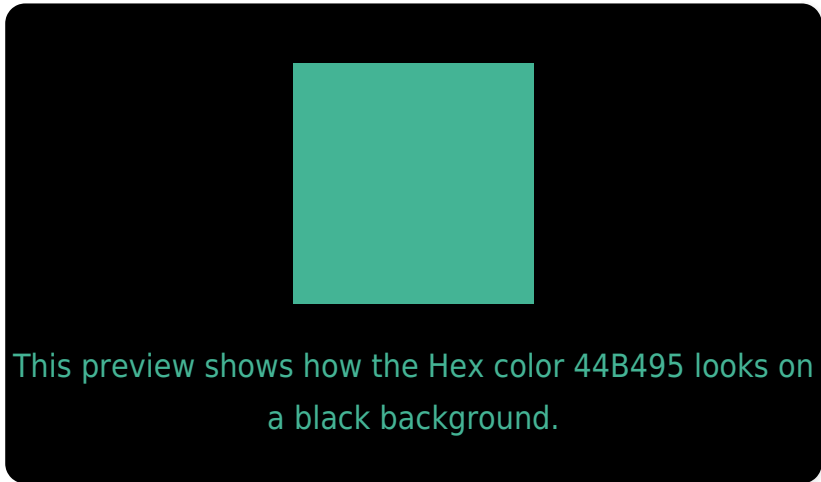
Large Text (above 18pt) WCAG AA × Fail

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

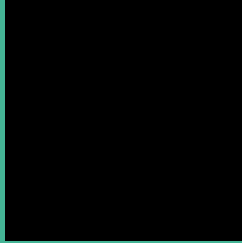
Any Text WCAG AA ✓ Pass

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 44B495 Background



This preview shows how black text looks on a background with the Hex color 44B495.

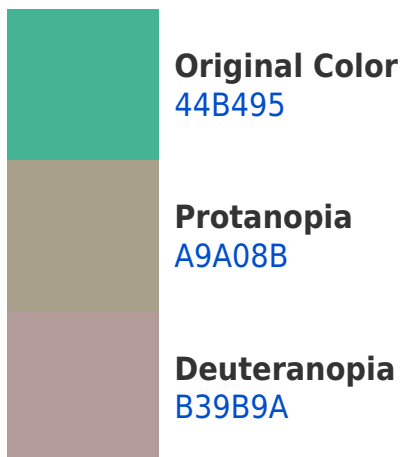


This preview shows how white text looks on a background with the Hex color 44B495.

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](#).

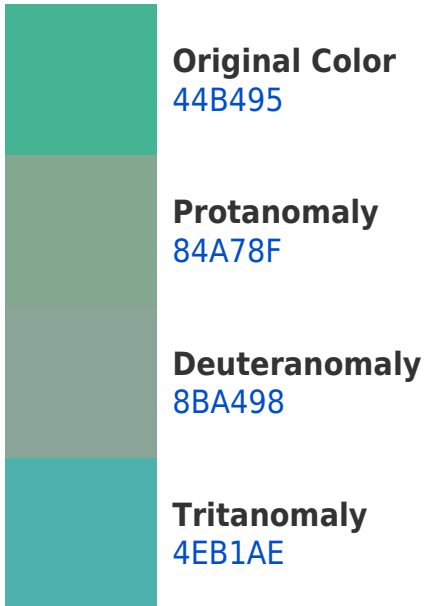
Dichromacy



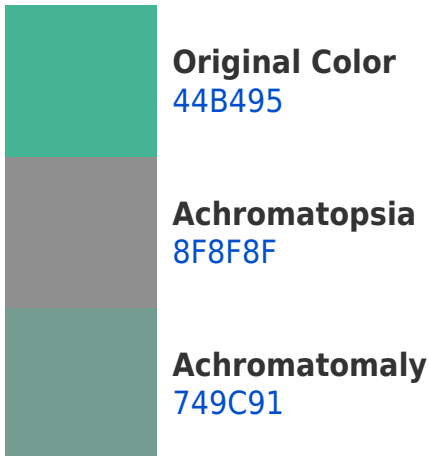


Tritanopia
53AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44B495 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 #44B495 looks like.

```
.text, #text, p{  
    color:#44B495  
}
```

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 #44B495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44B495
}
```

Border

The CSS property to change the border of an element to Hex 44B495 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
#44B495 }
```

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

```
.border{ border-color:#44B495 }
```

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

Here you see how a box with a 4 pixel #44B495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44B495; -webkit-box-shadow:4px 4px  
4px 4px #44B495; box-shadow:4px 4px 4px  
4px #44B495 }
```

Background

The CSS property to change the background color of an element to Hex 44B495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44B495 }
```

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

```
.background{ background-color:#44B495 }
```

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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