

Converting Colors

Hex(44B94D)

Have a look what the booklet for
Hex(44B94D) contains.

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Color

Hex(44B94D)

Conversions

Conversions Part 1

Format	Color
Hex	44B94D
RGB	68, 185, 77
RGB Percent	27%, 73%, 30%
CMY	0.7333, 0.2745, 0.6980
CMYK	0.63, 0.00, 0.58, 0.27
HSL	125°, 46%, 50%
HSV	125°, 63%, 73%
XYZ	21.0724, 36.4627, 12.9486
YIQ	137.7050, -35.0640, -58.3920

Conversions

Conversions Part 2

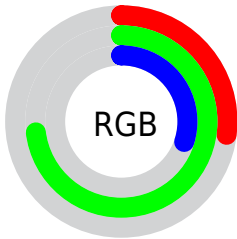
Format	Color
RYB	68, 177, 185
Decimal	4503885
CIELab	66.87, -54.59, 44.53
CIELCh	67, 70.448, 140.794
Yxy	36.4627, 0.2990, 0.5173
Android (android.graphics.Color)	4282693965 (0xFF44B94D)
YUV	137.7050, -29.9276, -61.1313
Hunter-Lab	60.3843, -43.3812, 29.5552

Details

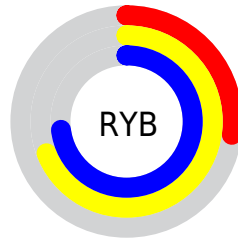
The Hex color **44B94D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B944B0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **80F281**, and **008318** is the 20% darker color. If you saturate the color by 10%, you get **32B93C**, and if you desaturate by 10%, it is **56B95E**.

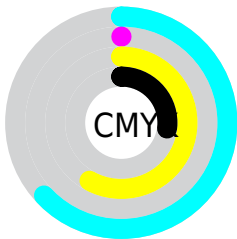
Distribution



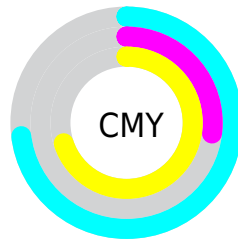
- Red (27%)
- Green (73%)
- Blue (30%)



- Red (27%)
- Yellow (69%)
- Blue (73%)



- Cyan (63%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (73%)
- Magenta (27%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44B94D 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 44B94D by changing the saturation by 10% instead.

 44B94D

 44B94D

FFFFFF

 1F9D33

 80F281

 008318

 9EFF9C

 006800

 BBFFB8

 004F00

 D9FFD4

 003700

 F7FFF1

 002000

 000000

 44B94D

 44B94D

 32B93C

 56B95E

 1FB92B

 69B96F

 0CB91A

 7CB980

 00B90E

 8EB991

 A1B9A2

 B3B9B3

 C5B9C5

 D8B9D6

 EBB9E7

Harmonies

Analogous

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



98AD14



44B94D



00BF8C

Triad

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



44B94D



00B0FF



FF677A

Complementary

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



44B94D



B944B0

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.



FF66B9



44B94D



7B9AFF

Square

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



44B94D



00BCFF



DC7DF4



FE7E41

Rectangle

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



44B94D



00C0B9



DC7DF4



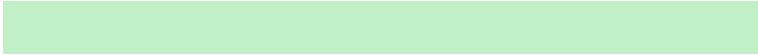
FF638E

Sweetspot

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



44B94D



C2F0C6



B1B944



5C785E



F7F7F7



787878

Same Dimension

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



44B94D



3AF048



44B986



535C53



009C0C



001C02

Inverse Universe

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



B944B0



F03AE2



B94477



5C535B



9C0090



1C001A

Previews

White Background



This preview shows how the Hex color 44B94D looks on a white background.

Color Contrast Check

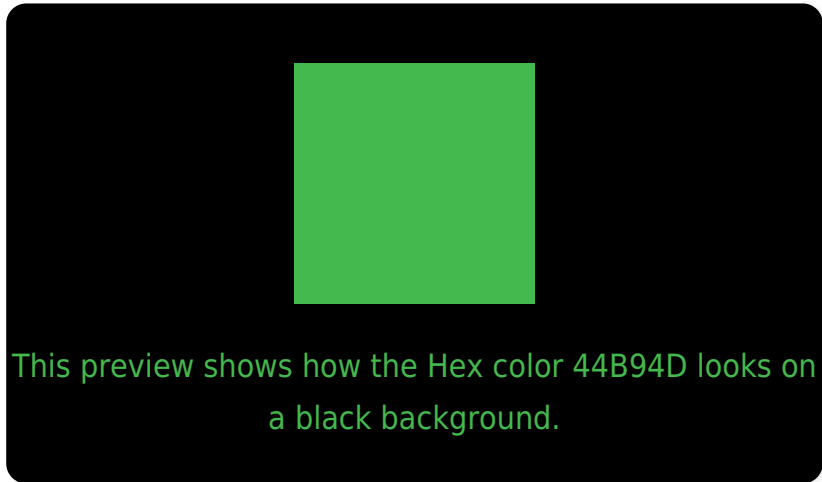
Large Text (above 18pt) WCAG AA × Fail

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 44B94D Background



This preview shows how black text looks on a background with the Hex color 44B94D.

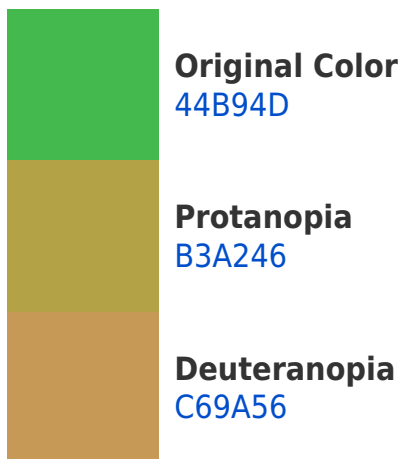


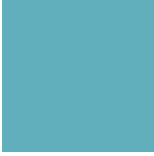
This preview shows how white text looks on a background with the Hex color 44B94D.

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
61AEB3

Trichromacy



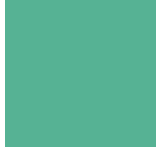
Original Color
44B94D



Protanomaly
8BAA49



Deuteranomaly
97A553



Tritanomaly
56B294

Monochromacy



Original Color
44B94D



Achromatopsia
8A8A8A



Achromatomaly
719B74

CSS Examples

Text

The CSS property to change the color of the text to Hex 44B94D 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 #44B94D looks like.

```
.text, #text, p{  
    color:#44B94D  
}
```

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 #44B94D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44B94D
}
```

Border

The CSS property to change the border of an element to Hex 44B94D 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
#44B94D }
```

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

```
.border{ border-color:#44B94D }
```

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

Here you see how a box with a 4 pixel #44B94D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44B94D; -webkit-box-shadow:4px 4px  
4px 4px #44B94D; box-shadow:4px 4px 4px  
4px #44B94D }
```

Background

The CSS property to change the background color of an element to Hex 44B94D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44B94D }
```

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

```
.background{ background-color:#44B94D }
```

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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