

# Converting Colors

Hex(44594B)

Have a look what the booklet for  
Hex(44594B) contains.

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# Color

Hex(44594B)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 44594B                    |
| RGB         | 68, 89, 75                |
| RGB Percent | 27%, 35%, 29%             |
| CMY         | 0.7333, 0.6510, 0.7059    |
| CMYK        | 0.24, 0.00, 0.16, 0.65    |
| HSL         | 140°, 13%, 31%            |
| HSV         | 140°, 24%, 35%            |
| XYZ         | 7.2263, 8.8817, 7.9901    |
| YIQ         | 81.1250, -8.0220, -8.8060 |

# Conversions

## Conversions Part 2

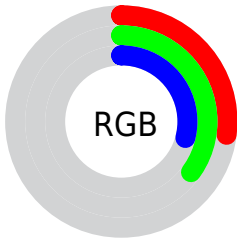
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 68, 84, 89                    |
| Decimal                             | 4479307                       |
| CIELab                              | 35.76, -11.27, 5.50           |
| CIElCh                              | 36, 12.538, 153.975           |
| Yxy                                 | 8.8817, 0.2999,<br>0.3686     |
| Android<br>(android.graphics.Color) | 4282669387<br>(0xFF44594B)    |
| YUV                                 | 81.1250, -3.0196,<br>-11.5106 |
| Hunter-Lab                          | 29.8022, -8.8721,<br>4.9656   |

# Details

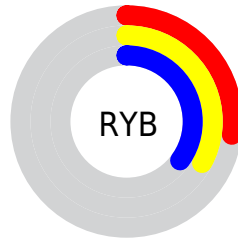
The Hex color **44594B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **594452**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **758B7C**, and **182B1F** is the 20% darker color. If you saturate the color by 10%, you get **3B5945**, and if you desaturate by 10%, it is **4D5951**.

# Distribution



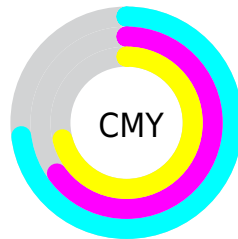
- Red (27%)
- Green (35%)
- Blue (29%)



- Red (27%)
- Yellow (33%)
- Blue (35%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (65%)



- Cyan (73%)
- Magenta (65%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 44594B 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 44594B by changing the saturation by 10% instead.





44594B



44594B

FFFFFF



2D4234



758B7C



182B1F



8EA596



001807



A9C1B0



000000



C4DCCC



E0F9E8

FDFFFF



44594B



44594B



3B5945



4D5951

■ 32593F

■ 565957

■ 295939

■ 5F595D

■ 205933

■ 685963

■ 18592D

■ 715969

■ 0F5927

■ 79596F

■ 065921

■ 825975

■ 00591E

■ 8B597A

■ 945980

# Harmonies

## Analogous

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



4F5743



44594B



3B5A55

# Triad

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



44594B



4A5568



684E49

# Complementary

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



44594B



594452

# 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.



684D53



44594B



585165

# Square

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



44594B



3E5866



624E5D



635142

# Rectangle

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



44594B



385A5C



624E5D



694D4C



# Sweetspot

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



44594B



6B736D



525944



363B38



BABABA



3B3B3B



# Same Dimension

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



44594B



53735D



445956



272B28



006B24



00EB4E



# Inverse Universe

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



594452



735368



594448



2B272A



6B0047

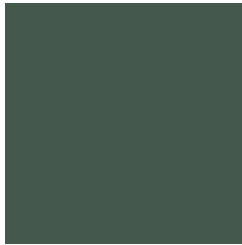


EB009C



# Previews

## White Background



This preview shows how the Hex color 44594B looks on a white background.

## Color Contrast Check

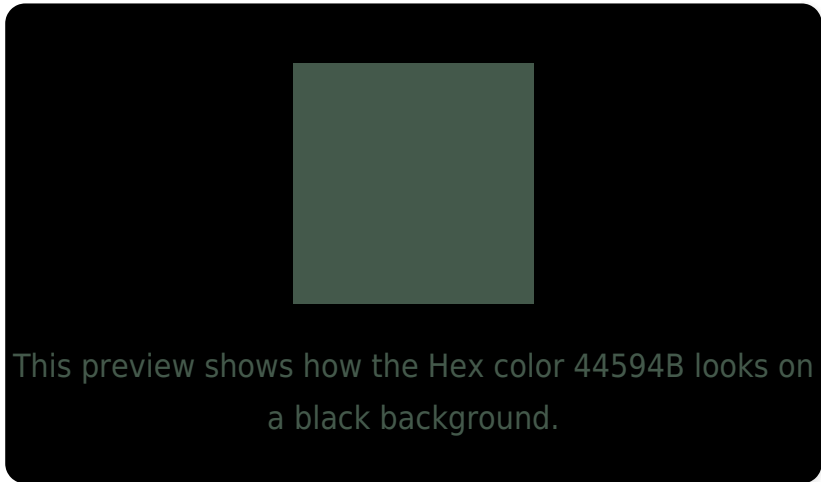
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

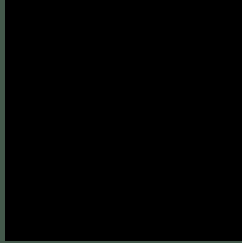
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 44594B Background



This preview shows how black text looks on a background with the Hex color 44594B.



This preview shows how white text looks on a background with the Hex color 44594B.

# 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](#).

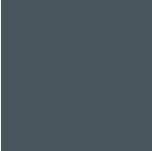
## Dichromacy



**Original Color**  
44594B

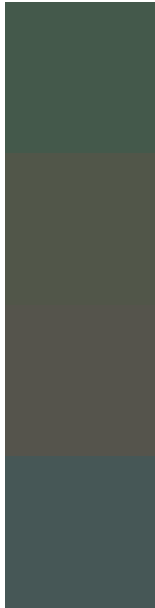
**Protanopia**  
585448

**Deuteranopia**  
5F514D



**Tritanopia**  
47565D

# Trichromacy



**Original Color**  
44594B

**Protanomaly**  
515649

**Deuteranomaly**  
55544C

**Tritanomaly**  
465756

# Monochromacy



**Original Color**  
44594B

**Achromatopsia**  
515151

**Achromatomaly**  
4C544F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 44594B 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 #44594B looks like.

```
.text, #text, p{  
    color:#44594B  
}
```

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 #44594B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44594B
}
```

## Border

The CSS property to change the border of an element to Hex 44594B 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
#44594B }
```

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

```
.border{ border-color:#44594B }
```

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

Here you see how a box with a 4 pixel #44594B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44594B; -webkit-box-shadow:4px 4px  
4px 4px #44594B; box-shadow:4px 4px 4px  
4px #44594B }
```

# Background

The CSS property to change the background color of an element to Hex 44594B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44594B }
```

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

```
.background{ background-color:#44594B }
```

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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