

Converting Colors

Hex(44563B)

Have a look what the booklet for
Hex(44563B) contains.

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Color

Hex(44563B)

Conversions

Conversions Part 1

Format	Color
Hex	44563B
RGB	68, 86, 59
RGB Percent	27%, 34%, 23%
CMY	0.7333, 0.6627, 0.7686
CMYK	0.21, 0.00, 0.31, 0.66
HSL	100°, 19%, 28%
HSV	100°, 31%, 34%
XYZ	6.5011, 8.2003, 5.3778
YIQ	77.5400, -2.0610, -12.2130

Conversions

Conversions Part 2

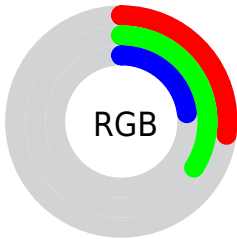
Format	Color
RYB	59, 86, 77
Decimal	4478523
CIELab	34.40, -12.75, 13.51
CIElCh	34, 18.574, 133.332
Yxy	8.2003, 0.3238, 0.4084
Android (android.graphics.Color)	4282668603 (0xFF44563B)
YUV	77.5400, -9.1402, -8.3666
Hunter-Lab	28.6361, -9.5894, 8.9107

Details

The Hex color **44563B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4D3B56**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **75886A**, and **182910** is the 20% darker color. If you saturate the color by 10%, you get **3E5632**, and if you desaturate by 10%, it is **4A5644**.

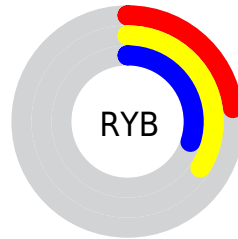
Distribution



Red (27%)

Green (34%)

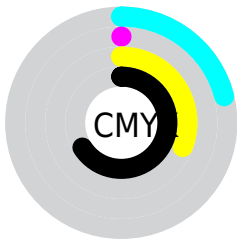
Blue (23%)



Red (23%)

Yellow (34%)

Blue (30%)

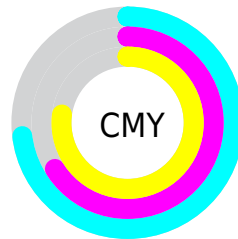


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (66%)



Cyan (73%)

Magenta (66%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44563B 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 44563B by changing the saturation by 10% instead.

■ 44563B

■ 44563B

FFFFFF

■ 2D3F25

■ 75886A

■ 182910

■ 8EA284

■ 001500

■ A9BD9E

■ 000000

■ C4D9B9

■ E0F5D4

■ F0FFF1

■ 44563B

■ 44563B

■ 3E5632

■ 4A5644

■ 39562A

■ 4F564C

■ 335621

■ 555655

■ 2D5619

■ 5B565D

■ 275610

■ 615666

■ 225607

■ 66566F

■ 1D5600

■ 6C5677

■ 725680

■ 785688

Harmonies

Analogous

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



555234



44563B



335848

Triad

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



44563B



31556D



6E464B

Complementary

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



44563B



4D3B56

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.



69475A



44563B



47506D

Square

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



44563B



215865



5B4B66



6C483D

Rectangle

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



44563B



285952



5B4B66



6D4650

Sweetspot

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



44563B



697066



564D3B



343832



B8B8B8



383838

Same Dimension

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



44563B



547046



3B5640



282B27



246B00



4EEB00

Inverse Universe

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



4D3B56



624670



563B52



2A272B



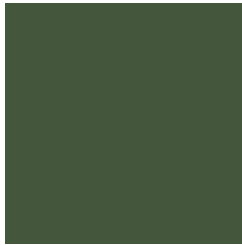
47006B



9C00EB

Previews

White Background



This preview shows how the Hex color 44563B looks on a white background.

Color Contrast Check

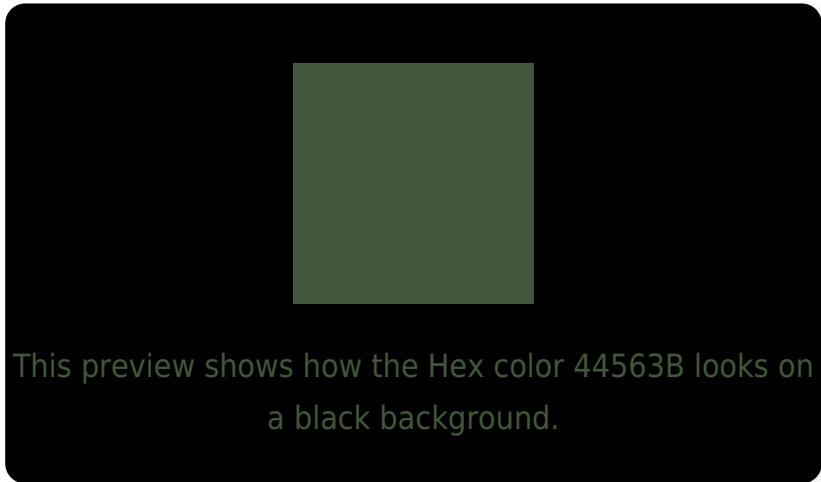
Large Text (above 18pt) WCAG AA ✓ Pass

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

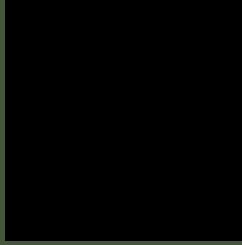
Any Text WCAG AA × Fail

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 44563B Background



This preview shows how black text looks on a background with the Hex color 44563B.



This preview shows how white text looks on a background with the Hex color 44563B.

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
44563B

Protanopia
575139

Deuteranopia
5F4D3D

Trichromacy



Original Color
44563B

Protanomaly
50533A

Deuteranomaly
55503C

Tritanomaly
47534E

Monochromacy



Original Color
44563B

Achromatopsia
4E4E4E

Achromatomaly
4A5147

CSS Examples

Text

The CSS property to change the color of the text to Hex 44563B 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 #44563B looks like.

```
.text, #text, p{  
    color:#44563B  
}
```

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 #44563B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44563B
}
```

Border

The CSS property to change the border of an element to Hex 44563B 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".

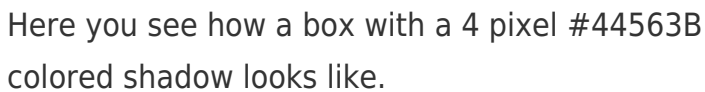
```
.border, #border, table{ border:4px solid
#44563B }
```

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

```
.border{ border-color:#44563B }
```

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

Here you see how a box with a 4 pixel #44563B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44563B; -webkit-box-shadow:4px 4px  
4px 4px #44563B; box-shadow:4px 4px 4px  
4px #44563B }
```

Background

The CSS property to change the background color of an element to Hex 44563B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44563B }
```

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

```
.background{ background-color:#44563B }
```

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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