

Converting Colors

Hex(44755A)

Have a look what the booklet for
Hex(44755A) contains.

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Color

Hex(44755A)

Conversions

Conversions Part 1

Format	Color
Hex	44755A
RGB	68, 117, 90
RGB Percent	27%, 46%, 35%
CMY	0.7333, 0.5412, 0.6471
CMYK	0.42, 0.00, 0.23, 0.54
HSL	147°, 26%, 36%
HSV	147°, 42%, 46%
XYZ	10.5906, 14.6897, 11.9501
YIQ	99.2710, -20.5370, -18.7850

Conversions

Conversions Part 2

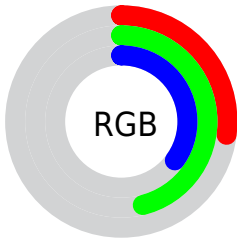
Format	Color
RYB	68, 102, 117
Decimal	4486490
CIELab	45.21, -23.22, 9.77
CIELCh	45, 25.191, 157.176
Yxy	14.6897, 0.2845, 0.3946
Android (android.graphics.Color)	4282676570 (0xFF44755A)
YUV	99.2710, -4.5706, -27.4247
Hunter-Lab	38.3272, -17.7490, 8.3429

Details

The Hex color **44755A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75445F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **76A98C**, and **12442C** is the 20% darker color. If you saturate the color by 10%, you get **387554**, and if you desaturate by 10%, it is **507560**.

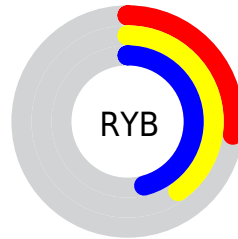
Distribution



Red (27%)

Green (46%)

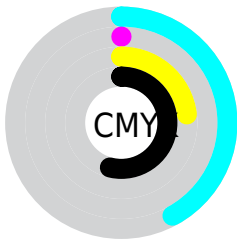
Blue (35%)



Red (27%)

Yellow (40%)

Blue (46%)

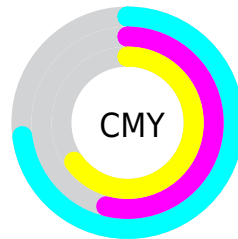


Cyan (42%)

Magenta (0%)

Yellow (23%)

Black (54%)



Cyan (73%)

Magenta (54%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44755A 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 44755A by changing the saturation by 10% instead.

■ 44755A

■ 44755A

FFFFFF

■ 2C5C43

■ 76A98C

■ 12442C

■ 91C5A6

■ 002E18

■ ACE1C2

■ 001B00

■ C8FEDE

■ 000000

■ E4FFFA

■ 44755A

■ 44755A

■ 387554

■ 507560

■ 2D754D

■ 5B7567

■ 217547

■ 67756D

■ 157540

■ 737574

■ 0A753A

■ 7F757A

■ 007535

■ 8A7581

■ 967587

■ A2758E

■ AD7594

Harmonies

Analogous

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



5D7149



44755A



2A766F

Triad

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



44755A



566B94



925E53

Complementary

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



44755A



75445F

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.



945B67



44755A



74648C

Square

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



44755A



337291



8A5D7C



876445

Rectangle

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



44755A



1D767D



8A5D7C



945C59

Sweetspot

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



44755A



85998E



607544



404D46



CCCCCC



4D4D4D

Same Dimension

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



44755A



4D996F



447572



353B37



007A37



00FA70

Inverse Universe

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



75445F



994D77



754447



3B3538



7A0043



FA008A

Previews

White Background



This preview shows how the Hex color 44755A looks on a white background.

Color Contrast Check

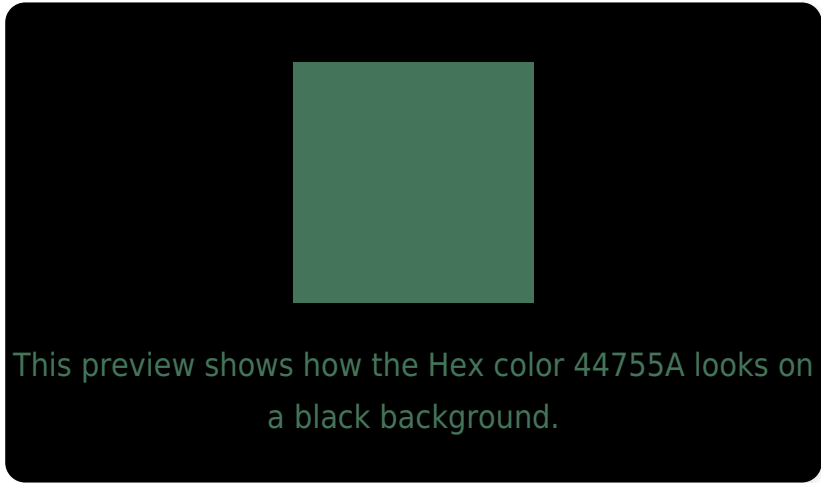
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

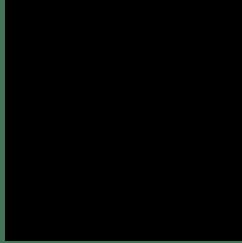
Any Text WCAG AA × Fail

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 44755A Background



This preview shows how black text looks on a background with the Hex color 44755A.

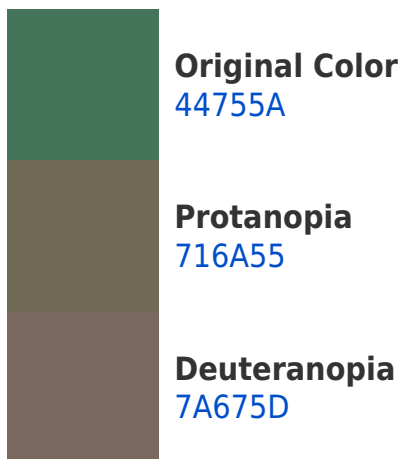


This preview shows how white text looks on a background with the Hex color 44755A.

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
4B717A

Trichromacy



Original Color
44755A

Protanomaly
616E57

Deuteranomaly
666C5C

Tritanomaly
48726E

Monochromacy



Original Color
44755A

Achromatopsia
636363

Achromatomaly
586A60

CSS Examples

Text

The CSS property to change the color of the text to Hex 44755A 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 #44755A looks like.

```
.text, #text, p{  
    color:#44755A  
}
```

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 #44755A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44755A
}
```

Border

The CSS property to change the border of an element to Hex 44755A 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".

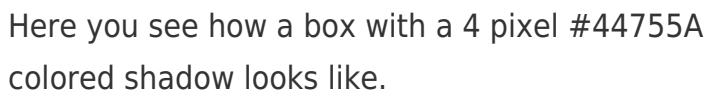
```
.border, #border, table{ border:4px solid
#44755A }
```

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

```
.border{ border-color:#44755A }
```

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

Here you see how a box with a 4 pixel #44755A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44755A; -webkit-box-shadow:4px 4px  
4px 4px #44755A; box-shadow:4px 4px 4px  
4px #44755A }
```

Background

The CSS property to change the background color of an element to Hex 44755A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44755A }
```

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

```
.background{ background-color:#44755A }
```

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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