

Converting Colors

Hex(44765A)

Have a look what the booklet for
Hex(44765A) contains.

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Color

Hex(44765A)

Conversions

Conversions Part 1

Format	Color
Hex	44765A
RGB	68, 118, 90
RGB Percent	27%, 46%, 35%
CMY	0.7333, 0.5373, 0.6471
CMYK	0.42, 0.00, 0.24, 0.54
HSL	146°, 27%, 36%
HSV	146°, 42%, 46%
XYZ	10.7078, 14.9240, 11.9891
YIQ	99.8580, -20.8120, -19.3080

Conversions

Conversions Part 2

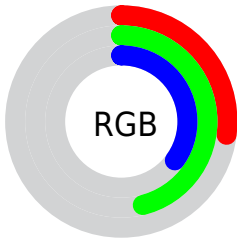
Format	Color
RYB	68, 103, 118
Decimal	4486746
CIELab	45.53, -23.73, 10.23
CIELCh	46, 25.839, 156.688
Yxy	14.9240, 0.2846, 0.3967
Android (android.graphics.Color)	4282676826 (0xFF44765A)
YUV	99.8580, -4.8600, -27.9395
Hunter-Lab	38.6316, -18.1292, 8.6418

Details

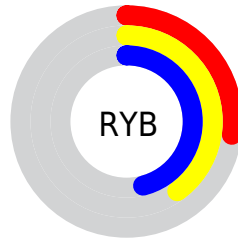
The Hex color **44765A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **764460**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **77AA8C**, and **12452C** is the 20% darker color. If you saturate the color by 10%, you get **387653**, and if you desaturate by 10%, it is **507661**.

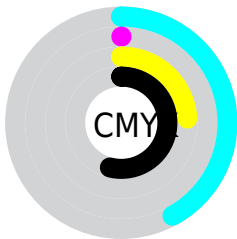
Distribution



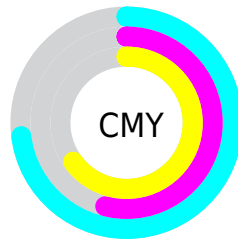
- Red (27%)
- Green (46%)
- Blue (35%)



- Red (27%)
- Yellow (40%)
- Blue (46%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (54%)



- Cyan (73%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44765A 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 44765A by changing the saturation by 10% instead.

 44765A

 44765A

FFFFFF

 2B5D43

 77AA8C

 12452C

 91C6A6

 002E18

 ACE2C2

 001C00

 C8FFDE

 000000

 E4FFFA

 44765A

 44765A

 387653

 507661

 2C764D

 5C7667

 217646

 67766E

 157640

 737674

 097639

 7F767B

 007634

 8B7682

 977688

 A2768F

 AE7695

Harmonies

Analogous

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



5E7248



44765A



287770

Triad

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



44765A



556C96



945E53

Complementary

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



44765A



764460

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.



955B68



44765A



75648E

Square

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



44765A



317393



8B5E7D



886545

Rectangle

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



44765A



19777E



8B5E7D



965C59

Sweetspot

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



44765A



85998E



607644



404D46



CCCCCC



4D4D4D

Same Dimension

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



44765A



4B996D



447673



353B37



007A36



00FA6E

Inverse Universe

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



764460



994B77



764447



3B3538



7A0045



FA008C

Previews

White Background



This preview shows how the Hex color 44765A looks on a white background.

Color Contrast Check

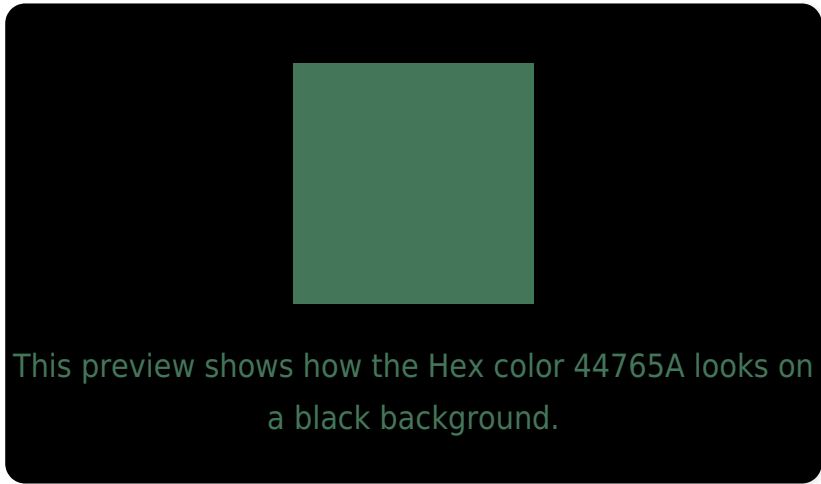
Large Text (above 18pt) WCAG AA ✓ Pass

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

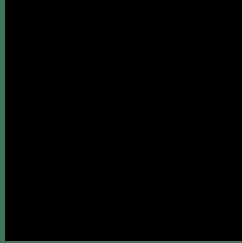
Any Text WCAG AA × Fail

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 44765A Background



This preview shows how black text looks on a background with the Hex color 44765A.

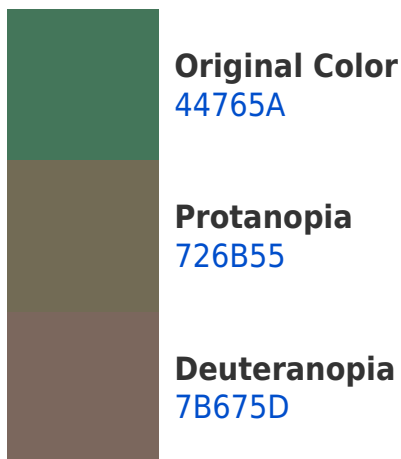


This preview shows how white text looks on a background with the Hex color 44765A.

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
4C727B

Trichromacy



Original Color
44765A

Protanomaly
616F57

Deuteranomaly
676C5C

Tritanomaly
49736F

Monochromacy



Original Color
44765A

Achromatopsia
646464

Achromatomaly
586B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 44765A 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 #44765A looks like.

```
.text, #text, p{  
    color:#44765A  
}
```

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 #44765A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44765A
}
```

Border

The CSS property to change the border of an element to Hex 44765A 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
#44765A }
```

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

```
.border{ border-color:#44765A }
```

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

Here you see how a box with a 4 pixel #44765A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44765A; -webkit-box-shadow:4px 4px  
4px 4px #44765A; box-shadow:4px 4px 4px  
4px #44765A }
```

Background

The CSS property to change the background color of an element to Hex 44765A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44765A }
```

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

```
.background{ background-color:#44765A }
```

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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