

Converting Colors

Hex(487655)

Have a look what the booklet for
Hex(487655) contains.

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Color

Hex(487655)

Conversions

Conversions Part 1

Format	Color
Hex	487655
RGB	72, 118, 85
RGB Percent	28%, 46%, 33%
CMY	0.7176, 0.5373, 0.6667
CMYK	0.39, 0.00, 0.28, 0.54
HSL	137°, 24%, 37%
HSV	137°, 39%, 46%
XYZ	10.7906, 14.9905, 10.9191
YIQ	100.4840, -16.8230, -20.0150

Conversions

Conversions Part 2

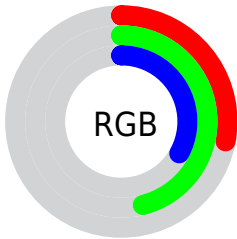
Format	Color
R_{YB}	72, 108, 118
Decimal	4748885
CIE _{Lab}	45.62, -23.50, 13.32
CIE _{LCh}	46, 27.016, 150.449
Yxy	14.9905, 0.2940, 0.4085
Android (android.graphics.Color)	4282938965 (0xFF487655)
YUV	100.4840, -7.6336, -24.9805
Hunter-Lab	38.7175, -18.0075, 10.3814

Details

The Hex color **487655** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **764869**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **7AAA87**, and **174528** is the 20% darker color. If you saturate the color by 10%, you get **3C764D**, and if you desaturate by 10%, it is **54765D**.

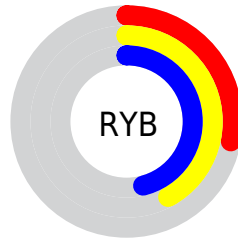
Distribution



Red (28%)

Green (46%)

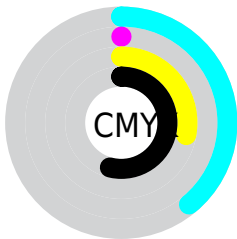
Blue (33%)



Red (28%)

Yellow (42%)

Blue (46%)

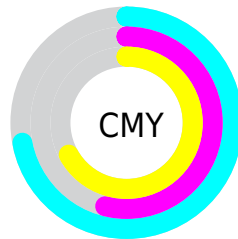


Cyan (39%)

Magenta (0%)

Yellow (28%)

Black (54%)



Cyan (72%)

Magenta (54%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487655 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 487655 by changing the saturation by 10% instead.

 487655

 487655

FFFFFF

 305D3E

 7AAA87

 174528

 95C6A1

 002E13

 B0E2BC

 001C00

 CCFFD8

 000000

 E8FFF4

 487655

 487655

 3C764D

 54765D

 307644

 607666

■ 25763C

■ 6B766E

■ 197633

■ 777677

■ 0D762B

■ 83767F

■ 017622

■ 8F7688

■ 007621

■ 9B7690

■ A67699

■ B276A1

Harmonies

Analogous

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



637144



487655



29786C

Triad

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



487655



4C6E99



975C56

Complementary

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



487655



764869

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.



965A6D



487655



6F6693

Square

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



487655



237493



895E83



8D6345

Rectangle

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



487655



13787B



895E83



985B5D

Sweetspot

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



487655



87998C



6A7648



424D45



CCCCCC



4D4D4D

Same Dimension

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



487655



519965



48766B



353B36



007A23



00FA47

Inverse Universe

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



764869



995185



764853



3B3539



7A0058



FA00B3

Previews

White Background



This preview shows how the Hex color 487655 looks on a white background.

Color Contrast Check

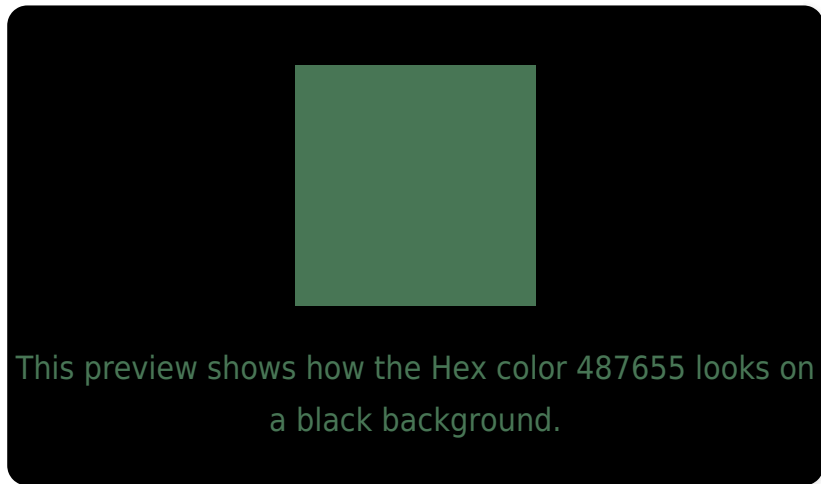
Large Text (above 18pt) WCAG AA ✓ Pass

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

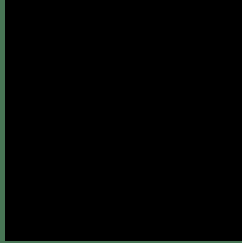
Any Text WCAG AA × Fail

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 487655 Background



This preview shows how black text looks on a background with the Hex color 487655.

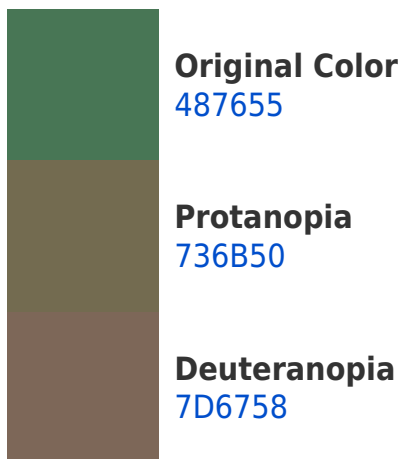


This preview shows how white text looks on a background with the Hex color 487655.

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
50717A

Trichromacy



Original Color
487655

Protanomaly
636F52

Deuteranomaly
6A6C57

Tritanomaly
4D736D

Monochromacy



Original Color
487655

Achromatopsia
646464

Achromatomaly
5A6B5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 487655 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 #487655 looks like.

```
.text, #text, p{  
  color:#487655  
}
```

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 #487655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487655
}
```

Border

The CSS property to change the border of an element to Hex 487655 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
#487655 }
```

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

```
.border{ border-color:#487655 }
```

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

Here you see how a box with a 4 pixel #487655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487655; -webkit-box-shadow:4px 4px  
4px 4px #487655; box-shadow:4px 4px 4px  
4px #487655 }
```

Background

The CSS property to change the background color of an element to Hex 487655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487655 }
```

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

```
.background{ background-color:#487655 }
```

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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