

Converting Colors

Hex(487336)

Have a look what the booklet for
Hex(487336) contains.

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Color

Hex(487336)

Conversions

Conversions Part 1

Format	Color
Hex	487336
RGB	72, 115, 54
RGB Percent	28%, 45%, 21%
CMY	0.7176, 0.5490, 0.7882
CMYK	0.37, 0.00, 0.53, 0.55
HSL	102°, 36%, 33%
HSV	102°, 53%, 45%
XYZ	9.4691, 13.9055, 5.6750
YIQ	95.1890, -6.0470, -28.0870

Conversions

Conversions Part 2

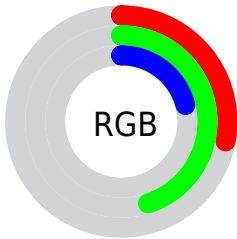
Format	Color
RYB	54, 115, 97
Decimal	4748086
CIELab	44.10, -27.25, 28.91
CIELCh	44, 39.727, 133.309
Yxy	13.9055, 0.3260, 0.4787
Android (android.graphics.Color)	4282938166 (0xFF487336)
YUV	95.1890, -20.3062, -20.3368
Hunter-Lab	37.2901, -19.9312, 17.0800

Details

The Hex color **487336** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **613673**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7BA766**, and **164207** is the 20% darker color. If you saturate the color by 10%, you get **40732B**, and if you desaturate by 10%, it is **507342**.

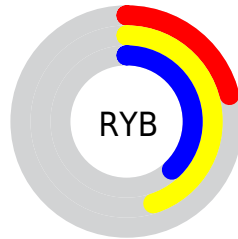
Distribution



Red (28%)

Green (45%)

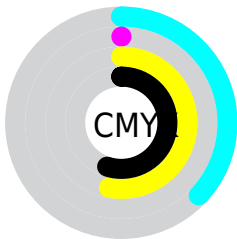
Blue (21%)



Red (21%)

Yellow (45%)

Blue (38%)

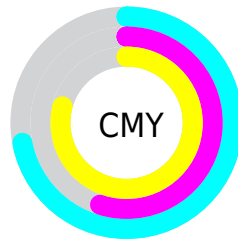


Cyan (37%)

Magenta (0%)

Yellow (53%)

Black (55%)



Cyan (72%)

Magenta (55%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 487336 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 487336 by changing the saturation by 10% instead.



487336



487336

FFFFFF



2F5A1F



7BA766



164207



96C380



002C00



B1DF9A



001700



CDFBB5



000000



E9FFD1



FFFFED



487336



487336



40732B



507342

■ 38731F

■ 58734D

■ 307314

■ 607359

■ 287308

■ 687364

■ 227300

■ 717370

■ 79737B

■ 817387

■ 897392

■ 91739D

Harmonies

Analogous

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



6D6B24



487336



007754

Triad

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



487336



0071A7



A64B5B

Complementary

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



487336



613673

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.



9B4E7C



487336



4967A8

Square

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



487336



007795



7D5A99



9F533C

Rectangle

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



487336



00796B



7D5A99



A44B66

Sweetspot

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



487336



85967E



736136



424D3E



CCCCCC



4D4D4D

Same Dimension

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



487336



539636



367342



373B35



247A00



4AFA00

Inverse Universe

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



613673



7A3696



733667



39353B



56007A



B000FA

Previews

White Background



This preview shows how the Hex color 487336 looks on a white background.

Color Contrast Check

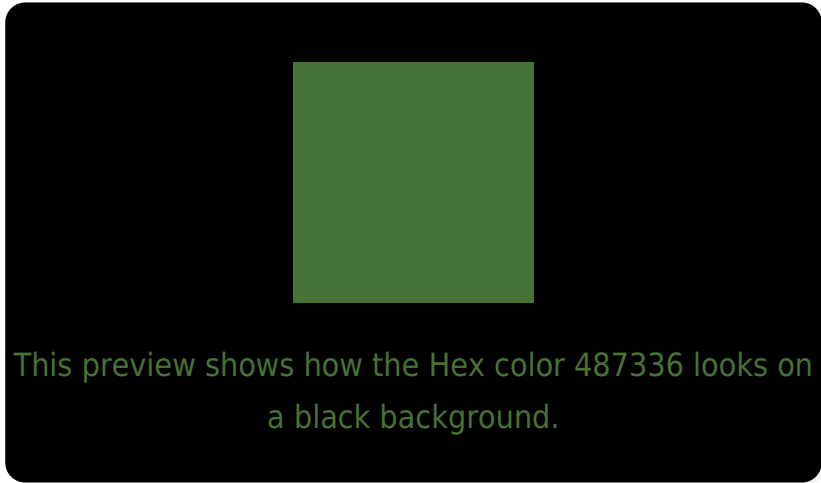
Large Text (above 18pt) WCAG AA ✓ Pass

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

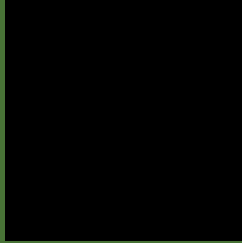
Any Text WCAG AA × Fail

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 487336 Background



This preview shows how black text looks on a background with the Hex color 487336.



This preview shows how white text looks on a background with the Hex color 487336.

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
487336

Protanopia
736832

Deuteranopia
7F633A



Tritanopia
536C75

Trichromacy



Original Color
487336

Protanomaly
636C33

Deuteranomaly
6B6939

Tritanomaly
4F6F5E

Monochromacy



Original Color
487336

Achromatopsia
5F5F5F

Achromatomaly
576650

CSS Examples

Text

The CSS property to change the color of the text to Hex 487336 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 #487336 looks like.

```
.text, #text, p{  
    color:#487336  
}
```

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 #487336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #487336
}
```

Border

The CSS property to change the border of an element to Hex 487336 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
#487336 }
```

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

```
.border{ border-color:#487336 }
```

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

Here you see how a box with a 4 pixel #487336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #487336; -webkit-box-shadow:4px 4px  
4px 4px #487336; box-shadow:4px 4px 4px  
4px #487336 }
```

Background

The CSS property to change the background color of an element to Hex 487336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#487336 }
```

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

```
.background{ background-color:#487336 }
```

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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