

Converting Colors

Hex(456F45)

Have a look what the booklet for
Hex(456F45) contains.

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Color

Hex(456F45)

Conversions

Conversions Part 1

Format	Color
Hex	456F45
RGB	69, 111, 69
RGB Percent	27%, 44%, 27%
CMY	0.7294, 0.5647, 0.7294
CMYK	0.38, 0.00, 0.38, 0.56
HSL	120°, 23%, 35%
HSV	120°, 38%, 44%
XYZ	9.2129, 13.0638, 7.6662
YIQ	93.6540, -11.5500, -21.9660

Conversions

Conversions Part 2

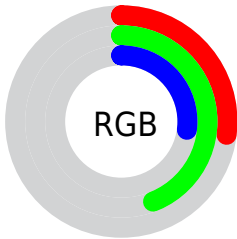
Format	Color
RYB	69, 111, 111
Decimal	4550469
CIELab	42.86, -24.02, 18.90
CIELCh	43, 30.565, 141.813
Yxy	13.0638, 0.3077, 0.4363
Android (android.graphics.Color)	4282740549 (0xFF456F45)
YUV	93.6540, -12.1544, -21.6216
Hunter-Lab	36.1438, -17.7530, 12.7251

Details

The Hex color **456F45** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6F456F**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **77A376**, and **153F19** is the 20% darker color. If you saturate the color by 10%, you get **3A6F3A**, and if you desaturate by 10%, it is **506F50**.

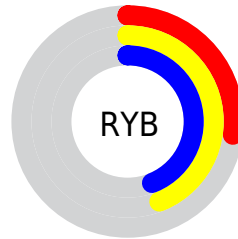
Distribution



Red (27%)

Green (44%)

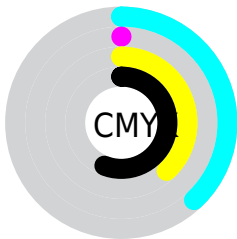
Blue (27%)



Red (27%)

Yellow (44%)

Blue (44%)

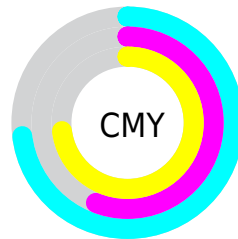


Cyan (38%)

Magenta (0%)

Yellow (38%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456F45 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 456F45 by changing the saturation by 10% instead.

■ 456F45

■ 456F45

FFFFFF

■ 2D562E

■ 77A376

■ 153F19

■ 91BE8F

■ 002800

■ ACDAAA

■ 001200

■ C8F7C5

■ 000000

■ E4FFE1

FFFFFFE

■ 456F45

■ 456F45

■ 3A6F3A

■ 506F50

 2F6F2F

 5B6F5B

 246F24


 666F66

 196F19

 716F71

 0D6F0D

 7C6F7C

 026F02

 886F88

 006F00

 936F93

 9E6F9E

 A96FA9

Harmonies

Analogous

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



626935



456F45



1C725D

Triad

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



456F45



2D6A97



955254

Complementary

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



456F45



6F456F

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.



91516D



456F45



5D6194

Square

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



456F45



00708C



7E5885



8D583E

Rectangle

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



456F45



00726F



7E5885



95515C

Sweetspot

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



456F45



819181



6F6F45



404A40



C9C9C9



4A4A4A

Same Dimension

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



456F45



509150



456F5A



323832



007800



00F700

Inverse Universe

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



6F456F



915091



6F455A



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 456F45 looks on a white background.

Color Contrast Check

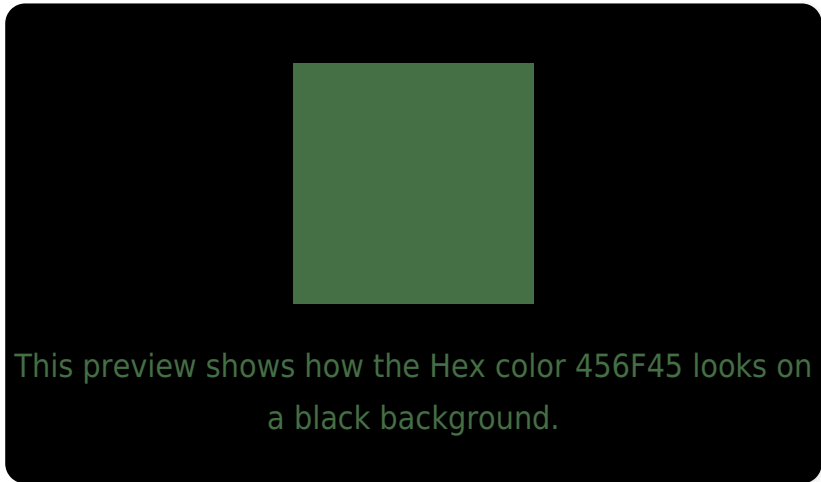
Large Text (above 18pt) WCAG AA ✓ Pass

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

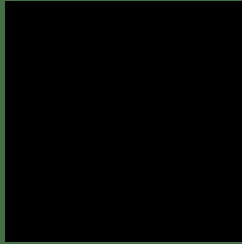
Any Text WCAG AA × Fail

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 456F45 Background



This preview shows how black text looks on a background with the Hex color 456F45.



This preview shows how white text looks on a background with the Hex color 456F45.

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
456F45

Protanopia
6E6541

Deuteranopia
786148



Tritanopia
4E6A72

Trichromacy



Original Color
456F45

Protanomaly
5F6942

Deuteranomaly
656647

Tritanomaly
4B6C62

Monochromacy



Original Color
456F45

Achromatopsia
5E5E5E

Achromatomaly
556455

CSS Examples

Text

The CSS property to change the color of the text to Hex 456F45 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 #456F45 looks like.

```
.text, #text, p{  
    color:#456F45  
}
```

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 #456F45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456F45
}
```

Border

The CSS property to change the border of an element to Hex 456F45 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
#456F45 }
```

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

```
.border{ border-color:#456F45 }
```

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

Here you see how a box with a 4 pixel #456F45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456F45; -webkit-box-shadow:4px 4px  
4px 4px #456F45; box-shadow:4px 4px 4px  
4px #456F45 }
```

Background

The CSS property to change the background color of an element to Hex 456F45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456F45 }
```

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

```
.background{ background-color:#456F45 }
```

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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