

Converting Colors

Hex(456D56)

Have a look what the booklet for
Hex(456D56) contains.

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Color

Hex(456D56)

Conversions

Conversions Part 1

Format	Color
Hex	456D56
RGB	69, 109, 86
RGB Percent	27%, 43%, 34%
CMY	0.7294, 0.5725, 0.6627
CMYK	0.37, 0.00, 0.21, 0.57
HSL	146°, 22%, 35%
HSV	146°, 37%, 43%
XYZ	9.6026, 12.8744, 10.7830
YIQ	94.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

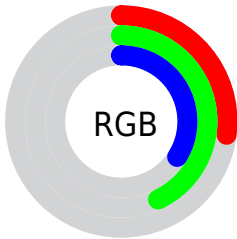
Format	Color
RYB	69, 97, 109
Decimal	4549974
CIELab	42.57, -19.60, 8.46
CIELCh	43, 21.345, 156.658
Yxy	12.8744, 0.2887, 0.3871
Android (android.graphics.Color)	4282740054 (0xFF456D56)
YUV	94.4180, -4.1501, -22.2916
Hunter-Lab	35.8809, -15.0206, 7.2987

Details

The Hex color **456D56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D455C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **77A188**, and **163D29** is the 20% darker color. If you saturate the color by 10%, you get **3A6D50**, and if you desaturate by 10%, it is **506D5C**.

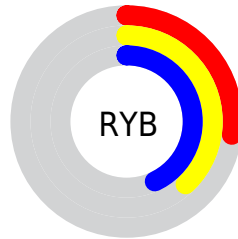
Distribution



Red (27%)

Green (43%)

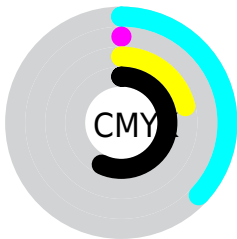
Blue (34%)



Red (27%)

Yellow (38%)

Blue (43%)

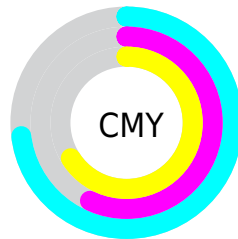


Cyan (37%)

Magenta (0%)

Yellow (21%)

Black (57%)



Cyan (73%)

Magenta (57%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456D56 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 456D56 by changing the saturation by 10% instead.



456D56



456D56

FFFFFF



2D553F



77A188



163D29



91BCA2



002714



ACD8BD



001000



C7F4D9



000000



E4FFF5



456D56



456D56



3A6D50



506D5C



2F6D49



5B6D63

■ 246D43

■ 666D69

■ 196D3D

■ 716D6F

■ 0E6D37

■ 7B6D75

■ 046D30

■ 866D7C

■ 006D2E

■ 916D82

■ 9C6D88

■ A76D8E

Harmonies

Analogous

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



5A6A48



456D56



326E68

Triad

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



456D56



536587



865950

Complementary

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



456D56



6D455C

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.



875761



456D56



6C5F81

Square

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



456D56



396A84



7E5973



7C5F45

Rectangle

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



456D56



2A6E74



7E5973



875856

Sweetspot

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



456D56



7F8F86



5C6D45



3E4742



C7C7C7



474747

Same Dimension

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



456D56



508F6B



456D6A



303632



007532



00F568

Inverse Universe

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



6D455C



8F5074



6D4548



363033



750043



F5008D

Previews

White Background



This preview shows how the Hex color 456D56 looks on a white background.

Color Contrast Check

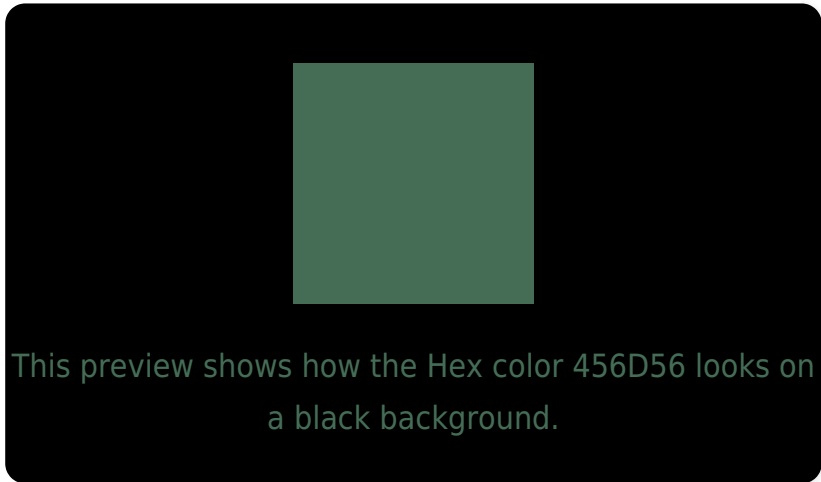
Large Text (above 18pt) WCAG AA ✓ Pass

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

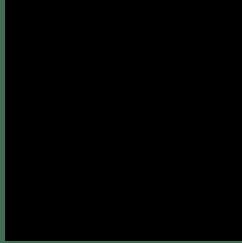
Any Text WCAG AA × Fail

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 456D56 Background



This preview shows how black text looks on a background with the Hex color 456D56.



This preview shows how white text looks on a background with the Hex color 456D56.

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
456D56

Protanopia
6A6452

Deuteranopia
726059



Tritanopia
4B6972

Trichromacy



Original Color
456D56

Protanomaly
5D6753

Deuteranomaly
626558

Tritanomaly
496A68

Monochromacy



Original Color
456D56

Achromatopsia
5E5E5E

Achromatomaly
55635B

CSS Examples

Text

The CSS property to change the color of the text to Hex 456D56 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 #456D56 looks like.

```
.text, #text, p{  
    color:#456D56  
}
```

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 #456D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456D56
}
```

Border

The CSS property to change the border of an element to Hex 456D56 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
#456D56 }
```

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

```
.border{ border-color:#456D56 }
```

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

Here you see how a box with a 4 pixel #456D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456D56; -webkit-box-shadow:4px 4px  
4px 4px #456D56; box-shadow:4px 4px 4px  
4px #456D56 }
```

Background

The CSS property to change the background color of an element to Hex 456D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456D56 }
```

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

```
.background{ background-color:#456D56 }
```

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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