

Converting Colors

Hex(456B5C)

Have a look what the booklet for
Hex(456B5C) contains.

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Color

Hex(456B5C)

Conversions

Conversions Part 1

Format	Color
Hex	456B5C
RGB	69, 107, 92
RGB Percent	27%, 42%, 36%
CMY	0.7294, 0.5804, 0.6392
CMYK	0.36, 0.00, 0.14, 0.58
HSL	156°, 22%, 35%
HSV	156°, 36%, 42%
XYZ	9.6437, 12.5533, 12.0400
YIQ	93.9280, -17.8330, -12.7210

Conversions

Conversions Part 2

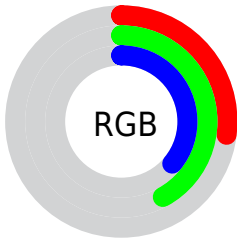
Format	Color
RYB	69, 93, 107
Decimal	4549468
CIELab	42.08, -17.15, 4.15
CIELCh	42, 17.644, 166.408
Yxy	12.5533, 0.2817, 0.3667
Android (android.graphics.Color)	4282739548 (0xFF456B5C)
YUV	93.9280, -0.9505, -21.8619
Hunter-Lab	35.4306, -13.4185, 4.6536

Details

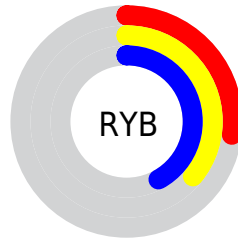
The Hex color **456B5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B4554**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **779F8E**, and **163B2E** is the 20% darker color. If you saturate the color by 10%, you get **3A6B58**, and if you desaturate by 10%, it is **506B60**.

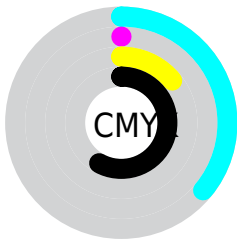
Distribution



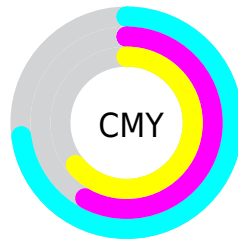
- Red (27%)
- Green (42%)
- Blue (36%)



- Red (27%)
- Yellow (36%)
- Blue (42%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (58%)



- Cyan (73%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456B5C 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 456B5C by changing the saturation by 10% instead.

 456B5C

 456B5C

FFFFFF

 2D5344

 779F8E

 163B2E

 91BAA9

 00251A

 ACD5C4

 000E00

 C7F2E0

 000000

 E3FFFC

 456B5C

 456B5C

 3A6B58

 506B60

 306B54

 5A6B64

 256B4F

 656B69

 1A6B4B

 706B6D

 0F6B47

 7B6B71

 056B43

 856B75

 006B41

 906B7A

 9B6B7E

 A56B82

Harmonies

Analogous

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



55694F



456B5C



396B6B

Triad

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



456B5C



5D627F



7E5C4F

Complementary

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



456B5C



6B4554

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.



81595C



456B5C



6F5D77

Square

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



456B5C



48677F



7C596B



746047

Rectangle

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



456B5C



386B74



7C596B



805A53

Sweetspot

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



456B5C



7D8C86



546B45



3E4744



C7C7C7



474747

Same Dimension

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



456B5C



508C74



45676B



303633



007547



00F594

Inverse Universe

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



6B4554



8C5068



6B4945



363032



75002E



F50061

Previews

White Background



This preview shows how the Hex color 456B5C looks on a white background.

Color Contrast Check

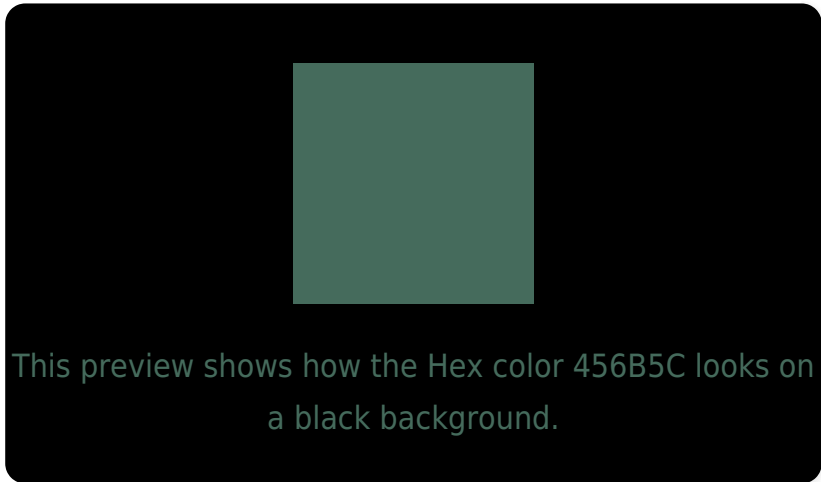
Large Text (above 18pt) WCAG AA ✓ Pass

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

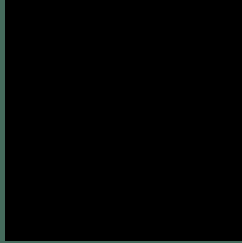
Any Text WCAG AA × Fail

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 456B5C Background



This preview shows how black text looks on a background with the Hex color 456B5C.



This preview shows how white text looks on a background with the Hex color 456B5C.

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
456B5C

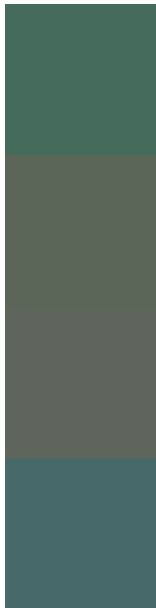
Protanopia
676358

Deuteranopia
6E605E



Tritanopia
4A6870

Trichromacy



Original Color
456B5C

Protanomaly
5B6659

Deuteranomaly
5F645D

Tritanomaly
486969

Monochromacy



Original Color
456B5C

Achromatopsia
5E5E5E

Achromatomaly
55635D

CSS Examples

Text

The CSS property to change the color of the text to Hex 456B5C 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 #456B5C looks like.

```
.text, #text, p{  
    color:#456B5C  
}
```

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 #456B5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456B5C
}
```

Border

The CSS property to change the border of an element to Hex 456B5C 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
#456B5C }
```

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

```
.border{ border-color:#456B5C }
```

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

Here you see how a box with a 4 pixel #456B5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456B5C; -webkit-box-shadow:4px 4px  
4px 4px #456B5C; box-shadow:4px 4px 4px  
4px #456B5C }
```

Background

The CSS property to change the background color of an element to Hex 456B5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456B5C }
```

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

```
.background{ background-color:#456B5C }
```

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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