

Converting Colors

Hex(456C6C)

Have a look what the booklet for
Hex(456C6C) contains.

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Color

Hex(456C6C)

Conversions

Conversions Part 1

Format	Color
Hex	456C6C
RGB	69, 108, 108
RGB Percent	27%, 42%, 42%
CMY	0.7294, 0.5765, 0.5765
CMYK	0.36, 0.00, 0.00, 0.58
HSL	180°, 22%, 35%
HSV	180°, 36%, 42%
XYZ	10.5236, 13.0730, 16.1561
YIQ	96.3390, -23.2440, -8.2680

Conversions

Conversions Part 2

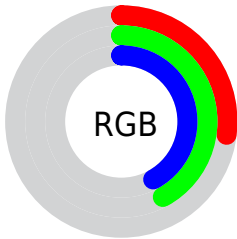
Format	Color
R _Y B	69, 89, 108
Decimal	4549740
CIE Lab	42.87, -13.67, -4.38
CIE LCh	43, 14.354, 197.752
Yxy	13.0730, 0.2647, 0.3289
Android (android.graphics.Color)	4282739820 (0xFF456C6C)
YUV	96.3390, 5.7489, -23.9763
Hunter-Lab	36.1567, -11.3208, -1.1832

Details

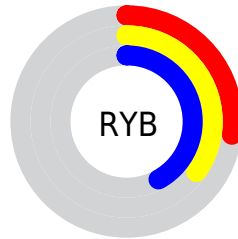
The Hex color **456C6C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C4545**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **77A09F**, and **143C3D** is the 20% darker color. If you saturate the color by 10%, you get **3A6C6C**, and if you desaturate by 10%, it is **506C6C**.

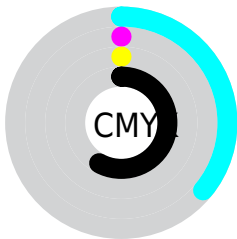
Distribution



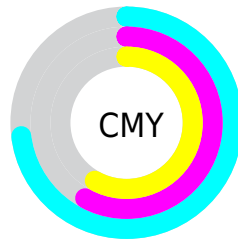
- Red (27%)
- Green (42%)
- Blue (42%)



- Red (27%)
- Yellow (35%)
- Blue (42%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 456C6C 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 456C6C by changing the saturation by 10% instead.



456C6C



456C6C

FFFFFF



2D5454



77A09F



143C3D



91BBBA



002627



ACD6D6



001212



C8F3F2



000000



E4FFFF



456C6C



456C6C



3A6C6C



506C6C



2F6C6C



5B6C6C

256C6C

656C6C

1A6C6C

706C6C

0F6C6C

7B6C6C

046C6C

866C6C

006C6C

916C6C

9B6C6C

A66C6C

Harmonies

Analogous

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



4D6C60



456C6C



466B76

Triad

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



456C6C



706075



73634E

Complementary

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



456C6C



6C4545

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.



7B5F54



456C6C



7A5D6B

Square

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



456C6C



61647C



7E5D5F



67674F

Rectangle

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



456C6C



4D697B



7E5D5F



766150

Sweetspot

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



456C6C



7D8C8C



456C45



3E4747



C7C7C7



474747

Same Dimension

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



456C6C



508C8C



45596C



303636



007575



00F5F5

Inverse Universe

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



6C456C



8C508C



6C5945



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 456C6C looks on a white background.

Color Contrast Check

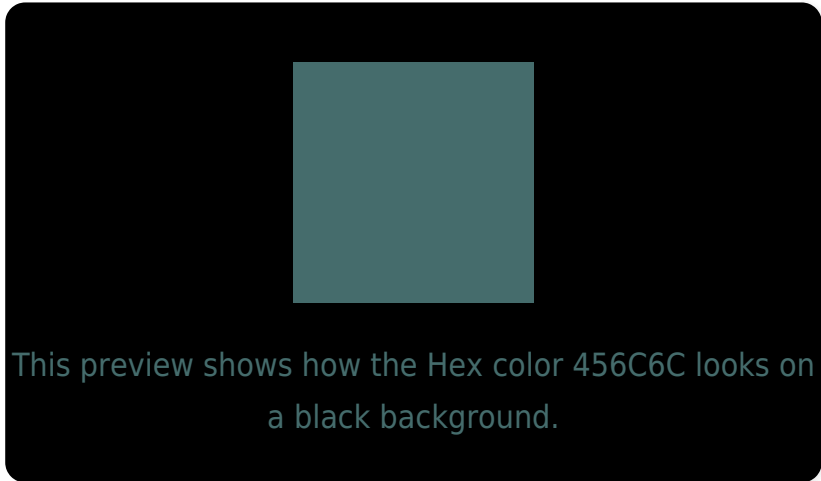
Large Text (above 18pt) WCAG AA ✓ Pass

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

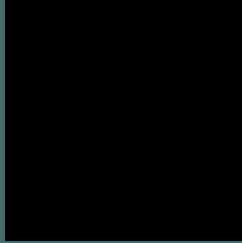
Any Text WCAG AA × Fail

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 456C6C Background



This preview shows how black text looks on a background with the Hex color 456C6C.

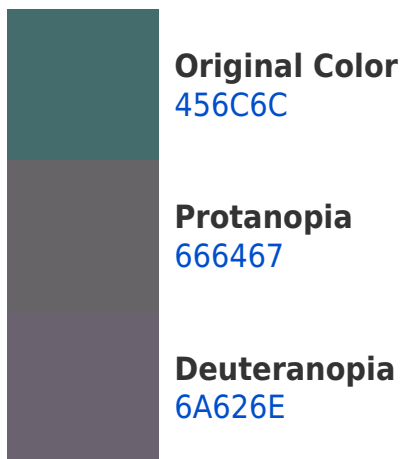



This preview shows how white text looks on a background with the Hex color 456C6C.

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](#).

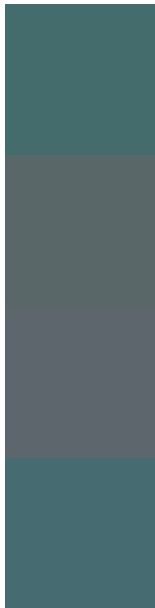
Dichromacy





Tritanopia
476B73

Trichromacy



Original Color
456C6C

Protanomaly
5A6769

Deuteranomaly
5D666D

Tritanomaly
466B70

Monochromacy



Original Color
456C6C

Achromatopsia
606060

Achromatomaly
566464

CSS Examples

Text

The CSS property to change the color of the text to Hex 456C6C 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 #456C6C looks like.

```
.text, #text, p{  
    color:#456C6C  
}
```

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 #456C6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456C6C
}
```

Border

The CSS property to change the border of an element to Hex 456C6C 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
#456C6C }
```

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

```
.border{ border-color:#456C6C }
```

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

Here you see how a box with a 4 pixel #456C6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456C6C; -webkit-box-shadow:4px 4px  
4px 4px #456C6C; box-shadow:4px 4px 4px  
4px #456C6C }
```

Background

The CSS property to change the background color of an element to Hex 456C6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456C6C }
```

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

```
.background{ background-color:#456C6C }
```

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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