

Converting Colors

Hex(4C456A)

Have a look what the booklet for
Hex(4C456A) contains.

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Color

Hex(4C456A)

Conversions

Conversions Part 1

Format	Color
Hex	4C456A
RGB	76, 69, 106
RGB Percent	30%, 27%, 42%
CMY	0.7020, 0.7294, 0.5843
CMYK	0.28, 0.35, 0.00, 0.58
HSL	251°, 21%, 34%
HSV	251°, 35%, 42%
XYZ	7.7101, 6.8334, 14.5483
YIQ	75.3110, -7.7050, 12.9910

Conversions

Conversions Part 2

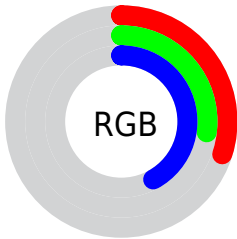
Format	Color
R_{YB}	76, 69, 106
Decimal	4998506
CIE Lab	31.42, 12.03, -20.48
CIE LCh	31, 23.751, 300.425
Yxy	6.8334, 0.2650, 0.2349
Android (android.graphics.Color)	4283188586 (0xFF4C456A)
YUV	75.3110, 15.1297, 0.6043
Hunter-Lab	26.1407, 6.9020, -14.6986

Details

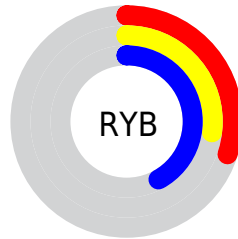
The Hex color **4C456A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **636A45**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7E759D**, and **1E1A3A** is the 20% darker color. If you saturate the color by 10%, you get **433A6A**, and if you desaturate by 10%, it is **55506A**.

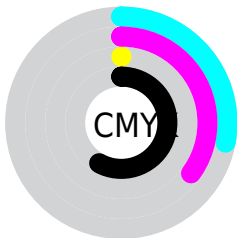
Distribution



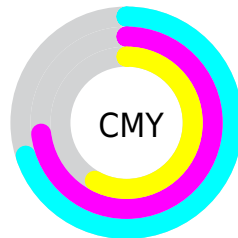
- Red (30%)
- Green (27%)
- Blue (42%)



- Red (30%)
- Yellow (27%)
- Blue (42%)



- Cyan (28%)
- Magenta (35%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (73%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C456A 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 4C456A by changing the saturation by 10% instead.

■ 4C456A

■ 4C456A

FFFFFF

■ 352F52

■ 7E759D

■ 1E1A3A

■ 988FB8

■ 0B0025

■ B3A9D4

■ 00010E

■ CFC5F1

■ 000000

■ EBE0FF

■ FFFDFF

■ 4C456A

■ 4C456A

■ 433A6A

■ 55506A

■ 3B306A

■ 5D5A6A

■ 32256A

■ 66656A

■ 2A1B6A

■ 6E6F6A

■ 21106A

■ 777A6A

■ 18056A

■ 80856A

■ 14006A

■ 888F6A

■ 919A6A

■ 99A46A

Harmonies

Analogous

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



2D4C6F



4C456A



613E5D

Triad

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



4C456A



64422A



0A544A

Complementary

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



4C456A



636A45

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.



2B5237



4C456A



554924

Square

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



4C456A



6D3D38



424E29



00535C

Rectangle

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



4C456A



6A3C51



424E29



185343

Sweetspot

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



4C456A



7F7C8A



45636A



3E3D45



C4C4C4



454545

Same Dimension

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



4C456A



5B508A



5E456A



313036



160075



2E00F5

Inverse Universe

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



6A4563



8A507F



516A45



363035



75005F



F500C6

Previews

White Background



This preview shows how the Hex color 4C456A looks on a white background.

Color Contrast Check

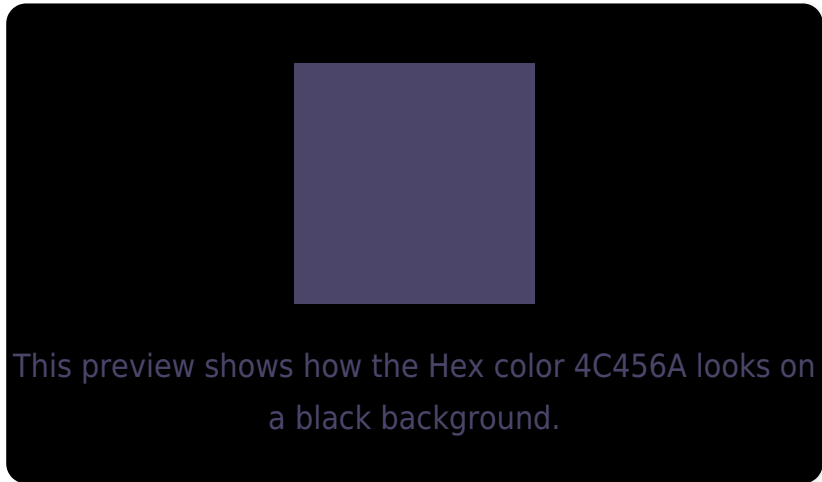
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

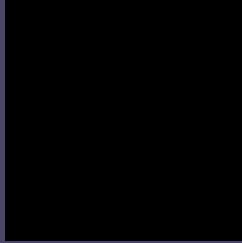
Any Text WCAG AA × Fail

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 4C456A Background



This preview shows how black text looks on a background with the Hex color 4C456A.

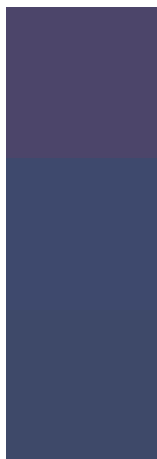


This preview shows how white text looks on a background with the Hex color 4C456A.

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](#).

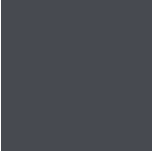
Dichromacy



Original Color
4C456A

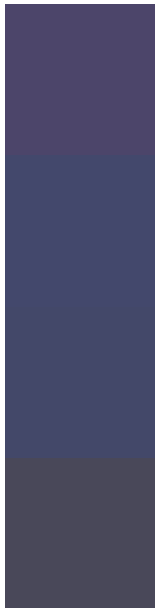
Protanopia
3E496D

Deuteranopia
3E4969



Tritanopia
474A50

Trichromacy



Original Color
4C456A

Protanomaly
43486C

Deuteranomaly
434869

Tritanomaly
494859

Monochromacy



Original Color
4C456A

Achromatopsia
4B4B4B

Achromatomaly
4B4956

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C456A 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 #4C456A looks like.

```
.text, #text, p{  
    color:#4C456A  
}
```

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 #4C456A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C456A
}
```

Border

The CSS property to change the border of an element to Hex 4C456A 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
#4C456A }
```

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

```
.border{ border-color:#4C456A }
```

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

Here you see how a box with a 4 pixel #4C456A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C456A; -webkit-box-shadow:4px 4px  
4px 4px #4C456A; box-shadow:4px 4px 4px  
4px #4C456A }
```

Background

The CSS property to change the background color of an element to Hex 4C456A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C456A }
```

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

```
.background{ background-color:#4C456A }
```

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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