

Converting Colors

Hex(456787)

Have a look what the booklet for
Hex(456787) contains.

Hex(456787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(456787)

Conversions

Conversions Part 1

Format	Color
Hex	456787
RGB	69, 103, 135
RGB Percent	27%, 40%, 53%
CMY	0.7294, 0.5961, 0.4706
CMYK	0.49, 0.24, 0.00, 0.47
HSL	209°, 32%, 40%
HSV	209°, 49%, 53%
XYZ	11.6777, 12.7150, 24.7604
YIQ	96.4820, -30.5360, 2.7440

Conversions

Conversions Part 2

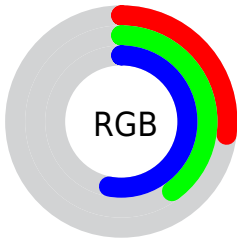
Format	Color
R_{YB}	69, 91, 135
Decimal	4548487
CIE _{Lab}	42.33, -2.86, -21.51
CIE _{LCh}	42, 21.695, 262.429
Yxy	12.7150, 0.2376, 0.2587
Android (android.graphics.Color)	4282738567 (0xFF456787)
YUV	96.4820, 18.9894, -24.1017
Hunter-Lab	35.6581, -3.9446, -16.2094

Details

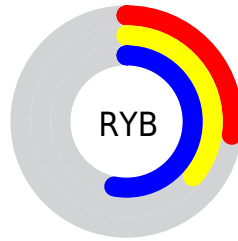
The Hex color **456787** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **876545**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **799ABC**, and **0E3855** is the 20% darker color. If you saturate the color by 10%, you get **386087**, and if you desaturate by 10%, it is **526E87**.

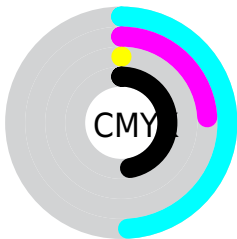
Distribution



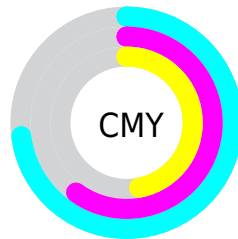
- Red (27%)
- Green (40%)
- Blue (53%)



- Red (27%)
- Yellow (36%)
- Blue (53%)



- Cyan (49%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (73%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456787 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 456787 by changing the saturation by 10% instead.

■ 456787

■ 456787

FFFFFF

■ 2B4F6E

■ 799ABC

■ 0E3855

■ 94B5D8

■ 00233E

■ AFD0F5

■ 000D28

■ CBECFF

■ 000112

■ E8FFFF

■ 000000

■ 456787

■ 456787

■ 386087

■ 526E87

■ 2A5A87

■ 607487

■ 1D5387

■ 6E7B87

■ 0F4D87

■ 7B8187

■ 024687

■ 898887

■ 004687

■ 968E87

■ A39587

■ B19B87

■ BEA287

Harmonies

Analogous

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



2D6B80



456787



606185

Triad

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



456787



875757



4E6B4E

Complementary

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



456787



876545

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.



626742



456787



825B48

Square

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



456787



845769



746141



396D5F

Rectangle

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



456787



705D7E



746141



556A49

Sweetspot

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



456787



96A3B0



458765



495159



D9D9D9



595959

Same Dimension

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



456787



487EB0



454687



3C3F42



004382



000103

Inverse Universe

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



874567



B0487E



878645



423C3F



820043



030001

Previews

White Background



This preview shows how the Hex color 456787 looks on a white background.

Color Contrast Check

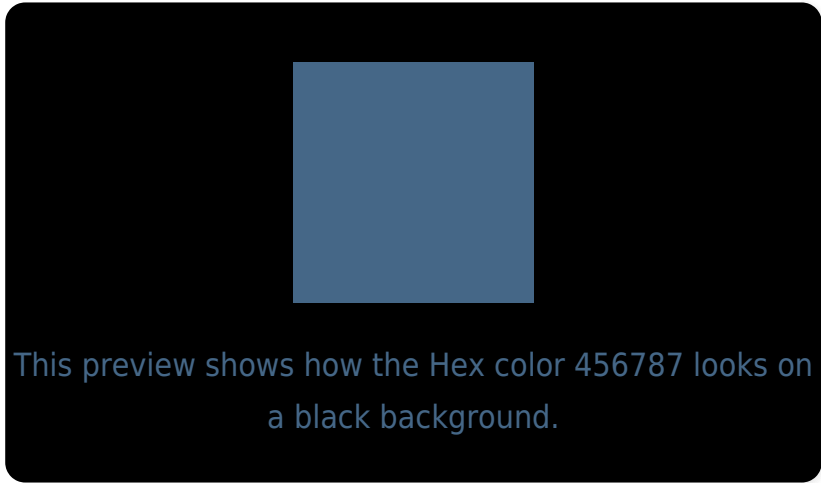
Large Text (above 18pt) WCAG AA ✓ Pass

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

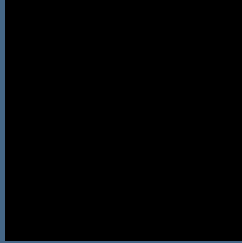
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

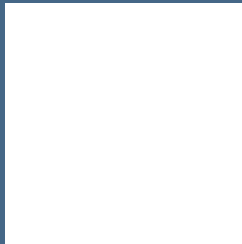
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 456787 Background



This preview shows how black text looks on a background with the Hex color 456787.

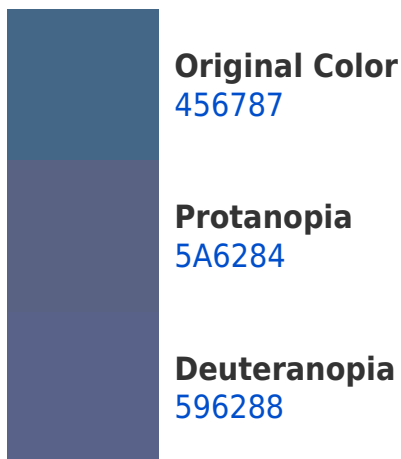



This preview shows how white text looks on a background with the Hex color 456787.

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](#).

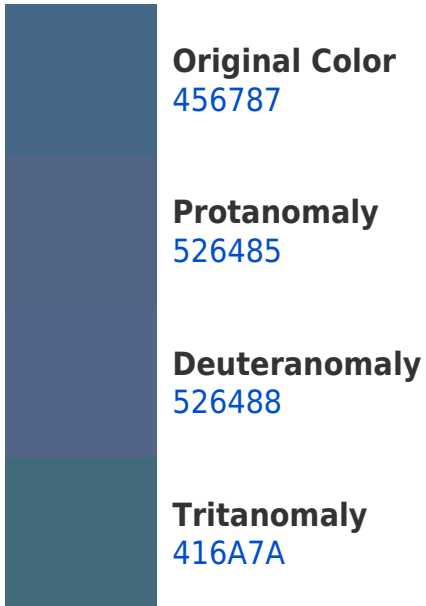
Dichromacy



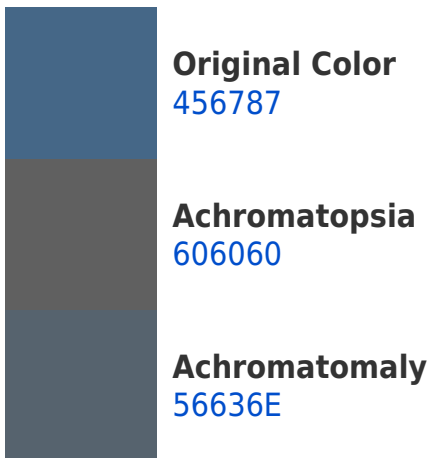


Tritanopia
3F6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 456787 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 #456787 looks like.

```
.text, #text, p{  
    color:#456787  
}
```

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 #456787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456787
}
```

Border

The CSS property to change the border of an element to Hex 456787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

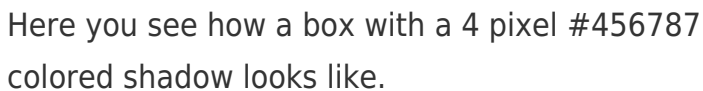
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#456787 }
```

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

```
.border{ border-color:#456787 }
```

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



Here you see how a box with a 4 pixel #456787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456787; -webkit-box-shadow:4px 4px  
4px 4px #456787; box-shadow:4px 4px 4px  
4px #456787 }
```

Background

The CSS property to change the background color of an element to Hex 456787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456787 }
```

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

```
.background{ background-color:#456787 }
```

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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