

Converting Colors

Hex(456D85)

Have a look what the booklet for
Hex(456D85) contains.

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Color

Hex(456D85)

Conversions

Conversions Part 1

Format	Color
Hex	456D85
RGB	69, 109, 133
RGB Percent	27%, 43%, 52%
CMY	0.7294, 0.5725, 0.4784
CMYK	0.48, 0.18, 0.00, 0.48
HSL	202°, 32%, 40%
HSV	202°, 48%, 52%
XYZ	12.1565, 13.8959, 24.2318
YIQ	99.7760, -31.5440, -1.0160

Conversions

Conversions Part 2

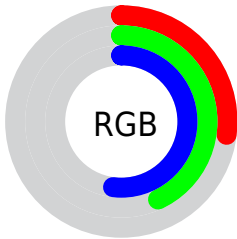
Format	Color
R_{YB}	69, 94, 133
Decimal	4550021
CIE _{Lab}	44.08, -7.06, -17.61
CIE _{LCh}	44, 18.972, 248.149
Yxy	13.8959, 0.2418, 0.2763
Android (android.graphics.Color)	4282740101 (0xFF456D85)
YUV	99.7760, 16.3794, -26.9906
Hunter-Lab	37.2773, -7.0244, -12.4469

Details

The Hex color **456D85** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **855D45**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **79A0BA**, and **0E3E53** is the 20% darker color. If you saturate the color by 10%, you get **386885**, and if you desaturate by 10%, it is **527285**.

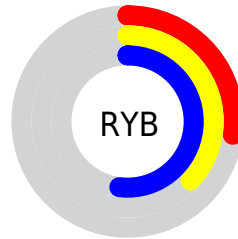
Distribution



Red (27%)

Green (43%)

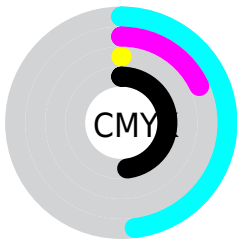
Blue (52%)



Red (27%)

Yellow (37%)

Blue (52%)

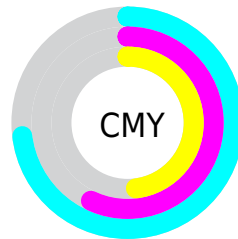


Cyan (48%)

Magenta (18%)

Yellow (0%)

Black (48%)



Cyan (73%)

Magenta (57%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456D85 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 456D85 by changing the saturation by 10% instead.

456D85

456D85

FFFFFF

2B556C

79A0BA

0E3E53

94BBD6

00283C

AFD7F2

001426

CBF4FF

000111

E8FFFF

000000

456D85

456D85

386885

527285

2A6385

607785

■ 1D5E85

■ 6D7C85

■ 105985

■ 7A8185

■ 025485

■ 878685

■ 005385

■ 958B85

■ A29085

■ AF9585

■ BD9A85

Harmonies

Analogous

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



39707B



456D85



5B6887

Triad

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



456D85



885D64



5E6D4F

Complementary

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



456D85



855D45

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.



6F6949



456D85



865F55

Square

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



456D85



805E74



7E634B



4C705C

Rectangle

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



456D85



696584



7E634B



646C4C

Sweetspot

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



456D85



95A4AD



45855C



485157



D6D6D6



575757

Same Dimension

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



456D85



4988AD



454E85



3C4042



005182



000203

Inverse Universe

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



85456D



AD4988



857C45



423C40



820051



030002

Previews

White Background



This preview shows how the Hex color 456D85 looks on a white background.

Color Contrast Check

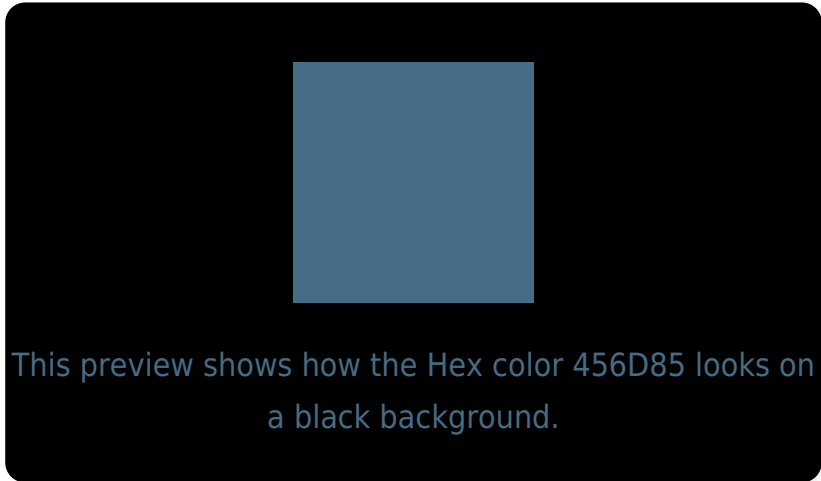
Large Text (above 18pt) WCAG AA ✓ Pass

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

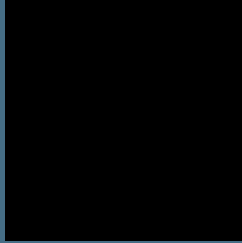
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

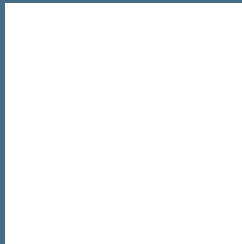
Any Text WCAG AAA × Fail

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

Hex 456D85 Background



This preview shows how black text looks on a background with the Hex color 456D85.

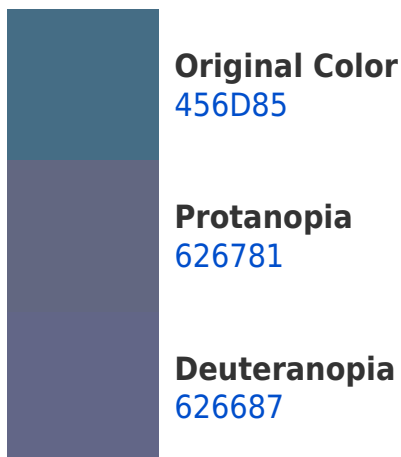


This preview shows how white text looks on a background with the Hex color 456D85.

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
416F78

Trichromacy



Original Color
456D85

Protanomaly
576982

Deuteranomaly
576986

Tritanomaly
426E7D

Monochromacy



Original Color
456D85

Achromatopsia
646464

Achromatomaly
596770

CSS Examples

Text

The CSS property to change the color of the text to Hex 456D85 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 #456D85 looks like.

```
.text, #text, p{  
    color:#456D85  
}
```

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 #456D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456D85
}
```

Border

The CSS property to change the border of an element to Hex 456D85 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
#456D85 }
```

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

```
.border{ border-color:#456D85 }
```

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

Here you see how a box with a 4 pixel #456D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456D85; -webkit-box-shadow:4px 4px  
4px 4px #456D85; box-shadow:4px 4px 4px  
4px #456D85 }
```

Background

The CSS property to change the background color of an element to Hex 456D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456D85 }
```

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

```
.background{ background-color:#456D85 }
```

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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