

Converting Colors

Hex(4A6486)

Have a look what the booklet for
Hex(4A6486) contains.

Hex(4A6486)	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(4A6486)

Conversions

Conversions Part 1

Format	Color
Hex	4A6486
RGB	74, 100, 134
RGB Percent	29%, 39%, 53%
CMY	0.7098, 0.6078, 0.4745
CMYK	0.45, 0.25, 0.00, 0.47
HSL	214°, 29%, 41%
HSV	214°, 45%, 53%
XYZ	11.6843, 12.2914, 24.3109
YIQ	96.1020, -26.4100, 5.0620

Conversions

Conversions Part 2

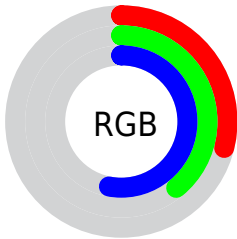
Format	Color
RYB	74, 92, 134
Decimal	4875398
CIELab	41.68, 0.01, -21.89
CIElCh	42, 21.892, 270.031
Yxy	12.2914, 0.2420, 0.2546
Android (android.graphics.Color)	4283065478 (0xFF4A6486)
YUV	96.1020, 18.6837, -19.3835
Hunter-Lab	35.0591, -1.8641, -16.5718

Details

The Hex color **4A6486** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **866C4A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7D97BB**, and **173654** is the 20% darker color. If you saturate the color by 10%, you get **3D5C86**, and if you desaturate by 10%, it is **576C86**.

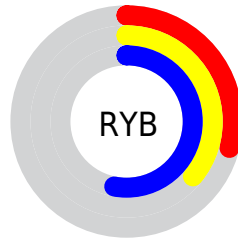
Distribution



Red (29%)

Green (39%)

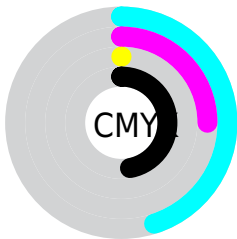
Blue (53%)



Red (29%)

Yellow (36%)

Blue (53%)

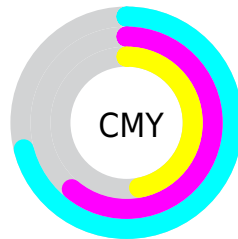


Cyan (45%)

Magenta (25%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A6486 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 4A6486 by changing the saturation by 10% instead.

■ 4A6486

■ 4A6486

FFFFFF

■ 314C6D

■ 7D97BB

■ 173654

■ 98B1D7

■ 00213D

■ B4CDF4

■ 000827

■ D0E9FF

■ 000111

■ ECFE99

■ 000000

■ 4A6486

■ 4A6486

■ 3D5C86

■ 576C86

■ 2F5586

■ 657386

■ 224D86

■ 727B86

■ 144686

■ 808286

■ 073E86

■ 8D8A86

■ 003A86

■ 9A9286

■ A89986

■ B5A186

■ C3A886

Harmonies

Analogous

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



306981



4A6486



655E81

Triad

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



4A6486



855651



476A50

Complementary

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



4A6486



866C4A

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.



5C6743



4A6486



7D5B44

Square

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



4A6486



845563



6F613E



326C62

Rectangle

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



4A6486



735A7A



6F613E



4E694B

Sweetspot

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



4A6486



97A1AD



4A866C



494F57



D6D6D6



575757

Same Dimension

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



4A6486



5078AD



4E4A86



3C3F42



003882



000103

Inverse Universe

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



864A64



AD5078



82864A



423C3F



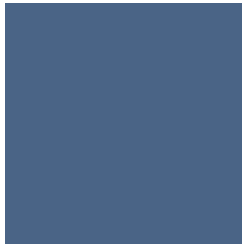
820038



030001

Previews

White Background



This preview shows how the Hex color 4A6486 looks on a white background.

Color Contrast Check

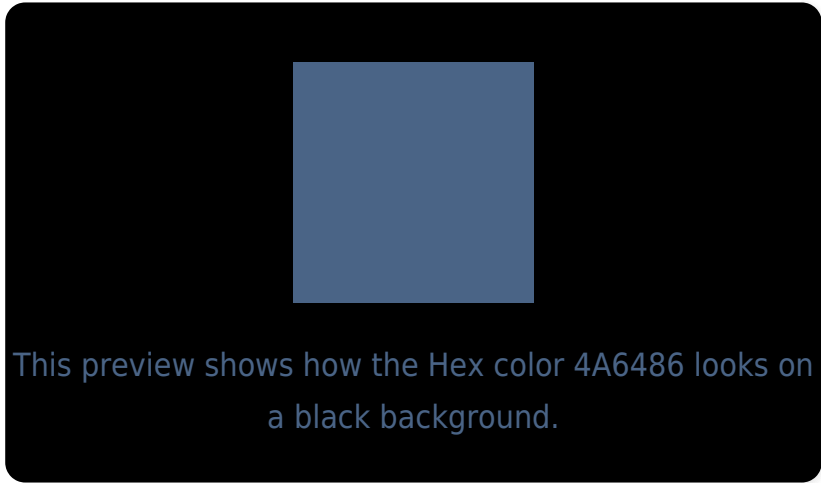
Large Text (above 18pt) WCAG AA ✓ Pass

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

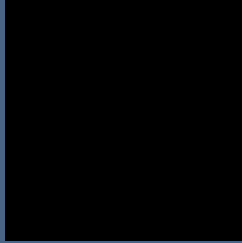
Any Text WCAG AA × Fail

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 4A6486 Background



This preview shows how black text looks on a background with the Hex color 4A6486.

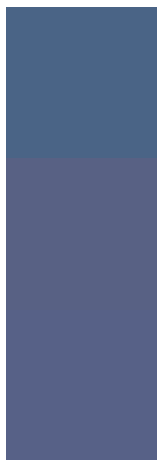


This preview shows how white text looks on a background with the Hex color 4A6486.

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

4A6486

Protanopia

586184

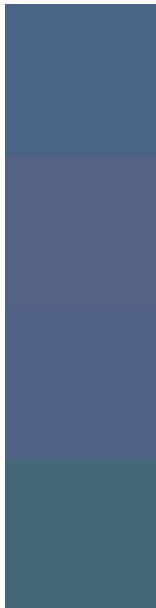
Deuteranopia

576187



Tritanopia
446870

Trichromacy



Original Color
4A6486

Protanomaly
536285

Deuteranomaly
526287

Tritanomaly
466778

Monochromacy



Original Color
4A6486

Achromatopsia
606060

Achromatomaly
58616E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A6486 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 #4A6486 looks like.

```
.text, #text, p{  
    color:#4A6486  
}
```

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 #4A6486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A6486
}
```

Border

The CSS property to change the border of an element to Hex 4A6486 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
#4A6486 }
```

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

```
.border{ border-color:#4A6486 }
```

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

Here you see how a box with a 4 pixel #4A6486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A6486; -webkit-box-shadow:4px 4px  
4px 4px #4A6486; box-shadow:4px 4px 4px  
4px #4A6486 }
```

Background

The CSS property to change the background color of an element to Hex 4A6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A6486 }
```

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

```
.background{ background-color:#4A6486 }
```

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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