

Converting Colors

Hex(646C85)

Have a look what the booklet for
Hex(646C85) contains.

Hex(646C85)	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(646C85)

Conversions

Conversions Part 1

Format	Color
Hex	646C85
RGB	100, 108, 133
RGB Percent	39%, 42%, 52%
CMY	0.6078, 0.5765, 0.4784
CMYK	0.25, 0.19, 0.00, 0.48
HSL	225°, 14%, 46%
HSV	225°, 25%, 52%
XYZ	14.8517, 15.1279, 24.3275
YIQ	108.4580, -12.7930, 6.0790

Conversions

Conversions Part 2

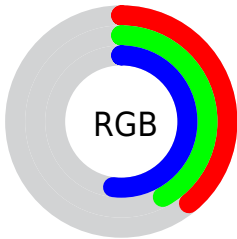
Format	Color
R_{YB}	100, 106, 133
Decimal	6581381
CIE Lab	45.81, 2.89, -14.79
CIE LCh	46, 15.073, 281.056
Yxy	15.1279, 0.2735, 0.2786
Android (android.graphics.Color)	4284771461 (0xFF646C85)
YUV	108.4580, 12.0992, -7.4177
Hunter-Lab	38.8946, 0.0939, -9.8580

Details

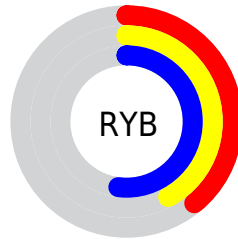
The Hex color `646C85` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `857D64`, and the grayscale version is `6C6C6C`.

A 20% lighter version of the original color is `979FBA`, and `343D53` is the 20% darker color. If you saturate the color by 10%, you get `576285`, and if you desaturate by 10%, it is `717685`.

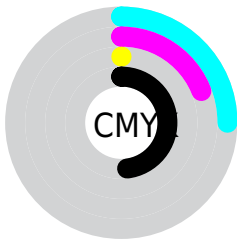
Distribution



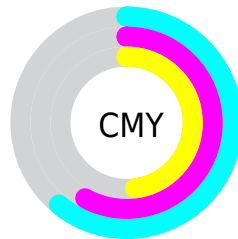
- Red (39%)
- Green (42%)
- Blue (52%)



- Red (39%)
- Yellow (42%)
- Blue (52%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (48%)



- Cyan (61%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646C85 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 646C85 by changing the saturation by 10% instead.

■ 646C85

■ 646C85

FFFFFF

■ 4C546C

■ 979FBA

■ 343D53

■ B2BAD6

■ 1E273C

■ CED6F2

■ 081226

■ EAF2FF

■ 000111

■ 000000

■ 646C85

■ 646C85

■ 576285

■ 717685

■ 495885

■ 7F8085

■ 3C4E85

■ 8C8A85

■ 2F4485

■ 999485

■ 213A85

■ A79E85

■ 143085

■ B4A885

■ 072585

■ C1B385

■ 002085

■ CEBD85

■ DCC785

Harmonies

Analogous

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



547084



646C85



74687F

Triad

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



646C85



85655C



557364

Complementary

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



646C85



857D64

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.



637159



646C85



7D6955

Square

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



646C85



866468



716D54



4B7471

Rectangle

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



646C85



7D6579



716D54



5A7260

Sweetspot

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



646C85



A1A4AD



64857D



505157



D6D6D6



575757

Same Dimension

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



646C85



7986AD



6C6485



3C3D42



002082



000103

Inverse Universe

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



85646C



AD7986



7D8564



423C3D



820020



030001

Previews

White Background



This preview shows how the Hex color 646C85 looks on a white background.

Color Contrast Check

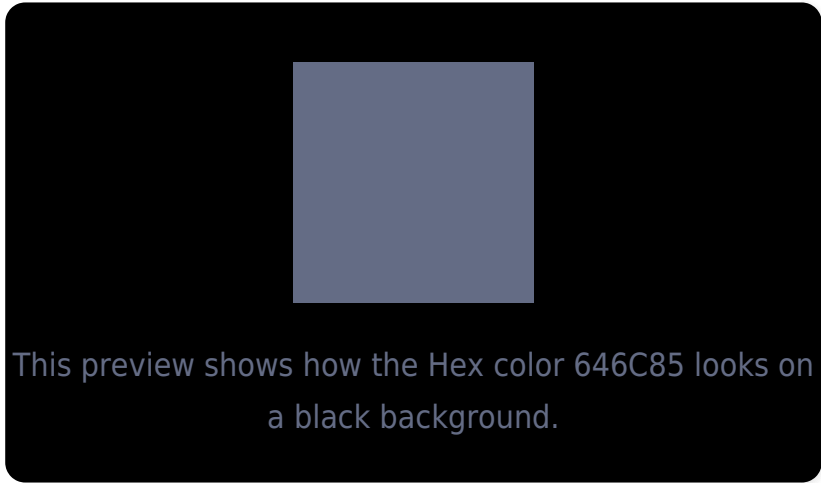
Large Text (above 18pt) WCAG AA ✓ Pass

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

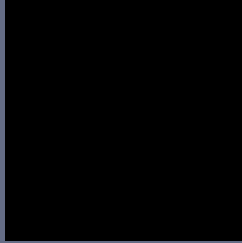
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

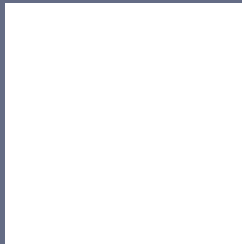
Any Text WCAG AAA × Fail

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

Hex 646C85 Background



This preview shows how black text looks on a background with the Hex color 646C85.



This preview shows how white text looks on a background with the Hex color 646C85.

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
646C85

Protanopia
676B85

Deuteranopia
6A6A85



Tritanopia
616E77

Trichromacy



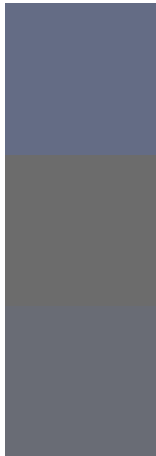
Original Color
646C85

Protanomaly
666B85

Deuteranomaly
686B85

Tritanomaly
626D7C

Monochromacy



Original Color
646C85

Achromatopsia
6C6C6C

Achromatomaly
696C75

CSS Examples

Text

The CSS property to change the color of the text to Hex 646C85 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 #646C85 looks like.

```
.text, #text, p{  
    color:#646C85  
}
```

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 #646C85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646C85
}
```

Border

The CSS property to change the border of an element to Hex 646C85 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
#646C85 }
```

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

```
.border{ border-color:#646C85 }
```

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

Here you see how a box with a 4 pixel #646C85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646C85; -webkit-box-shadow:4px 4px  
4px 4px #646C85; box-shadow:4px 4px 4px  
4px #646C85 }
```

Background

The CSS property to change the background color of an element to Hex 646C85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646C85 }
```

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

```
.background{ background-color:#646C85 }
```

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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