

Converting Colors

Hex(31646A)

Have a look what the booklet for
Hex(31646A) contains.

Hex(31646A)	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(31646A)

Conversions

Conversions Part 1

Format	Color
Hex	31646A
RGB	49, 100, 106
RGB Percent	19%, 39%, 42%
CMY	0.8078, 0.6078, 0.5843
CMYK	0.54, 0.06, 0.00, 0.58
HSL	186°, 37%, 30%
HSV	186°, 54%, 42%
XYZ	8.4253, 10.8079, 15.2777
YIQ	85.4350, -32.3220, -8.9460

Conversions

Conversions Part 2

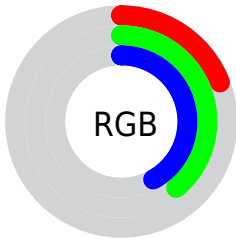
Format	Color
RYB	49, 76, 106
Decimal	3236970
CIELab	39.26, -15.23, -8.66
CIELCh	39, 17.519, 209.624
Yxy	10.8079, 0.2441, 0.3132
Android (android.graphics.Color)	4281427050 (0xFF31646A)
YUV	85.4350, 10.1385, -31.9535
Hunter-Lab	32.8754, -11.7859, -4.5403




Details

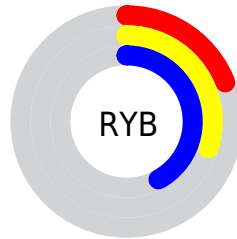
The Hex color **31646A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A3731**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **64979D**, and **00353B** is the 20% darker color. If you saturate the color by 10%, you get **26636A**, and if you desaturate by 10%, it is **3C656A**.

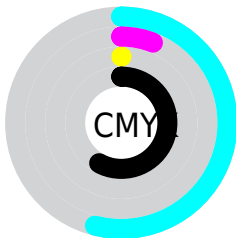
Distribution







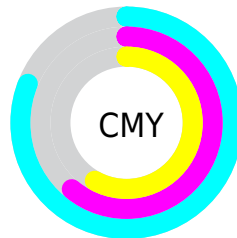
-  Red (19%)
-  Green (39%)
-  Blue (42%)






-  Red (19%)
-  Yellow (30%)
-  Blue (42%)



-  Cyan (54%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (81%)
-  Magenta (61%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31646A 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 31646A by changing the saturation by 10% instead.



31646A



31646A

FFFFFF



164C52



64979D



00353B



7FB2B8



002025



99CDD4



000111



B5EAF0



000000



D1FFFF



EEFFFF



31646A



31646A



26636A



3C656A

■ 1C626A

■ 46666A

■ 11616A

■ 51676A

■ 07606A

■ 5B686A

■ 005F6A

■ 666A6A

■ 716B6A

■ 7B6C6A

■ 866D6A

■ 906E6A

Harmonies

Analogous

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



38645C



31646A



386275

Triad

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



31646A



6F546B



675B40

Complementary

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



31646A



6A3731

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.



735744



31646A



78525D

Square

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



31646A



5E5975



79534F



586043

Rectangle

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



31646A



445F78



79534F



6B5A41

Sweetspot

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



31646A



74878A



316A37



384345



C4C4C4



454545

Same Dimension

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



31646A



30808A



31486A



303536



006975



00DBF5

Inverse Universe

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



6A3164



8A3080



6A5331



363035



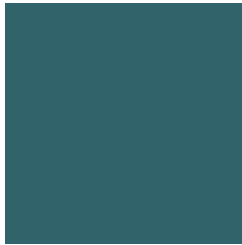
750069



F500DB

Previews

White Background



This preview shows how the Hex color 31646A looks on a white background.

Color Contrast Check

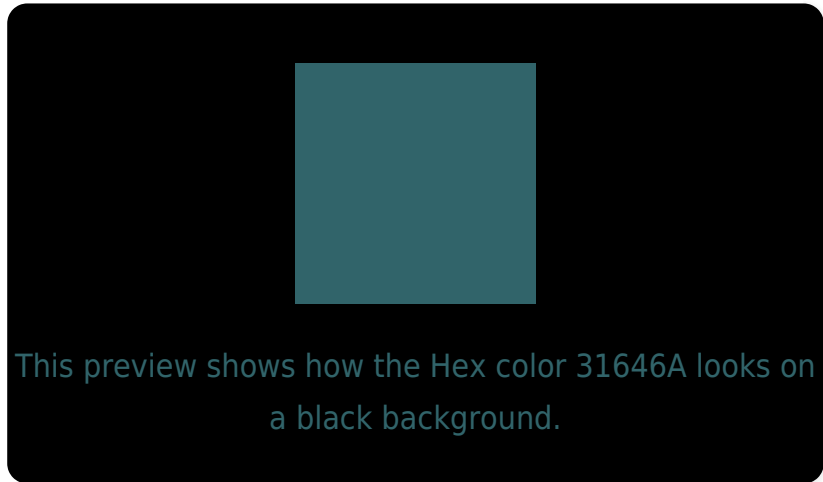
Large Text (above 18pt) WCAG AA ✓ Pass

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

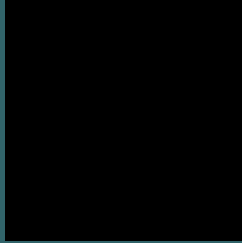
Any Text WCAG AA × Fail

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 31646A Background



This preview shows how black text looks on a background with the Hex color 31646A.

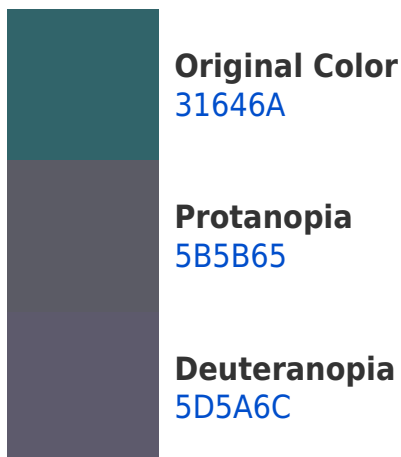



This preview shows how white text looks on a background with the Hex color 31646A.

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](#).

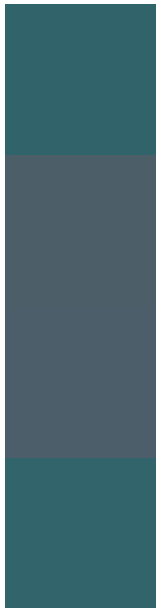
Dichromacy





Tritanopia
32646C

Trichromacy



Original Color
31646A

Protanomaly
4C5E67

Deuteranomaly
4D5E6B

Tritanomaly
32646B

Monochromacy



Original Color
31646A

Achromatopsia
555555

Achromatomaly
485A5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 31646A 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 #31646A looks like.

```
.text, #text, p{  
    color:#31646A  
}
```

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 #31646A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31646A
}
```

Border

The CSS property to change the border of an element to Hex 31646A 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
#31646A }
```

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

```
.border{ border-color:#31646A }
```

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

Here you see how a box with a 4 pixel #31646A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31646A; -webkit-box-shadow:4px 4px  
4px 4px #31646A; box-shadow:4px 4px 4px  
4px #31646A }
```

Background

The CSS property to change the background color of an element to Hex 31646A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31646A }
```

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

```
.background{ background-color:#31646A }
```

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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