

Converting Colors

Hex(365A6A)

Have a look what the booklet for
Hex(365A6A) contains.

Hex(365A6A)	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(365A6A)

Conversions

Conversions Part 1

Format	Color
Hex	365A6A
RGB	54, 90, 106
RGB Percent	21%, 35%, 42%
CMY	0.7882, 0.6471, 0.5843
CMYK	0.49, 0.15, 0.00, 0.58
HSL	198°, 33%, 31%
HSV	198°, 49%, 42%
XYZ	7.7790, 9.1372, 14.9893
YIQ	81.0600, -26.5920, -2.6560

Conversions

Conversions Part 2

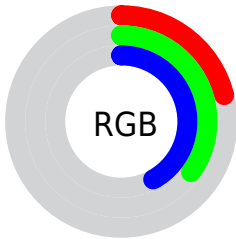
Format	Color
RYB	54, 75, 106
Decimal	3562090
CIELab	36.25, -8.12, -13.19
CIELCh	36, 15.486, 238.388
Yxy	9.1372, 0.2438, 0.2864
Android (android.graphics.Color)	4281752170 (0xFF365A6A)
YUV	81.0600, 12.2954, -23.7316
Hunter-Lab	30.2278, -6.9624, -8.2412




Details

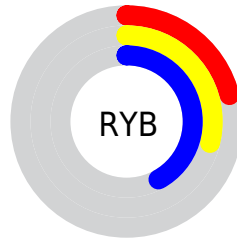
The Hex color **365A6A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A4636**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **688C9D**, and **002C3B** is the 20% darker color. If you saturate the color by 10%, you get **2B576A**, and if you desaturate by 10%, it is **415D6A**.

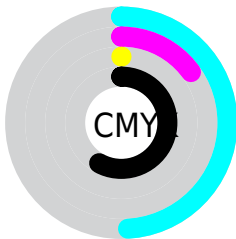
Distribution







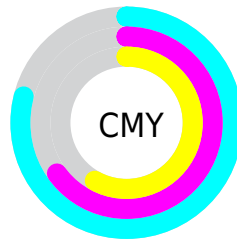
-  Red (21%)
-  Green (35%)
-  Blue (42%)






-  Red (21%)
-  Yellow (29%)
-  Blue (42%)



-  Cyan (49%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (79%)
-  Magenta (65%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 365A6A 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 365A6A by changing the saturation by 10% instead.

■ 365A6A

■ 365A6A

FFFFFF

■ 1D4352

■ 688C9D

■ 002C3B

■ 82A6B8

■ 001825

■ 9DC2D4

■ 00010F

■ B8DDF0

■ 000000

■ D4FAFF

■ F1FFFF

■ 365A6A

■ 365A6A

■ 2B576A

■ 415D6A

■ 21536A

■ 4B616A

■ 16506A

■ 56646A

■ 0C4D6A

■ 60676A

■ 014A6A

■ 6B6A6A

■ 00496A

■ 766E6A

■ 80716A

■ 8B746A

■ 95776A

Harmonies

Analogous

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



315C61



365A6A



45576E

Triad

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



365A6A



6D4C56



52583F

Complementary

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



365A6A



6A4636

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.



5F543D



365A6A



6E4D4A

Square

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



365A6A



654E62



695041



445B48

Rectangle

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



365A6A



51546D



695041



56573E

Sweetspot

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



365A6A



75838A



366A46



384145



C4C4C4



454545

Same Dimension

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



365A6A



38718A



36406A



303436



005175



00A9F5

Inverse Universe

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



6A365A



8A3871



6A6036



363034



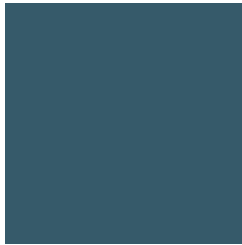
750051



F500A9

Previews

White Background



This preview shows how the Hex color 365A6A looks on a white background.

Color Contrast Check

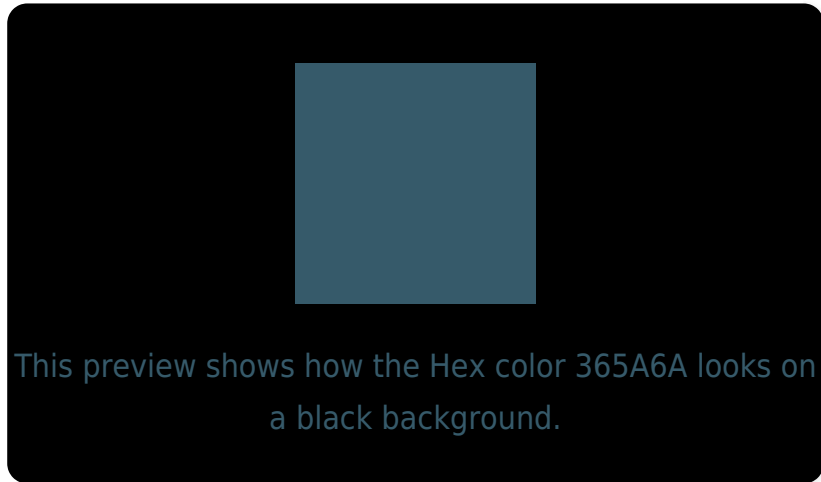
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

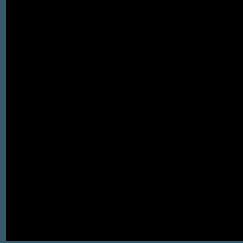
Any Text WCAG AA × Fail

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 365A6A Background



This preview shows how black text looks on a background with the Hex color 365A6A.

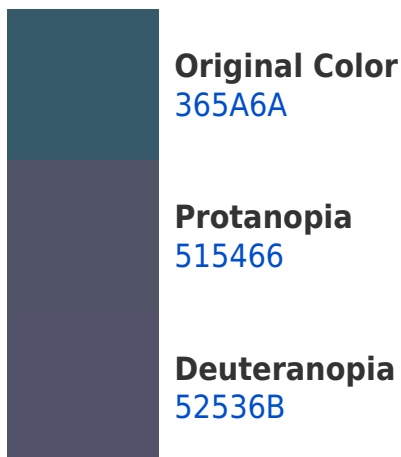


This preview shows how white text looks on a background with the Hex color 365A6A.

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
345B63

Trichromacy



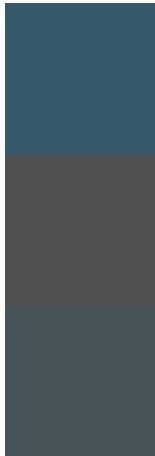
Original Color
365A6A

Protanomaly
475667

Deuteranomaly
48566B

Tritanomaly
355B66

Monochromacy



Original Color
365A6A

Achromatopsia
515151

Achromatomaly
47545A

CSS Examples

Text

The CSS property to change the color of the text to Hex 365A6A 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 #365A6A looks like.

```
.text, #text, p{  
    color:#365A6A  
}
```

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 #365A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #365A6A
}
```

Border

The CSS property to change the border of an element to Hex 365A6A 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
#365A6A }
```

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

```
.border{ border-color:#365A6A }
```

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

Here you see how a box with a 4 pixel #365A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #365A6A; -webkit-box-shadow:4px 4px  
4px 4px #365A6A; box-shadow:4px 4px 4px  
4px #365A6A }
```

Background

The CSS property to change the background color of an element to Hex 365A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#365A6A }
```

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

```
.background{ background-color:#365A6A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor