

Converting Colors

Hex(305462)

Have a look what the booklet for
Hex(305462) contains.

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Color

Hex(305462)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 305462 |
| RGB | 48, 84, 98 |
| RGB Percent | 19%, 33%, 38% |
| CMY | 0.8118, 0.6706, 0.6157 |
| CMYK | 0.51, 0.14, 0.00, 0.62 |
| HSL | 197°, 34%, 29% |
| HSV | 197°, 51%, 38% |
| XYZ | 6.5939, 7.8509, 12.7231 |
| YIQ | 74.8320, -25.9500, -3.2780 |

Conversions

Conversions Part 2

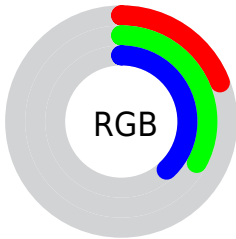
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 48, 69, 98 |
| Decimal | 3167330 |
| CIE _{Lab} | 33.67, -8.65, -12.14 |
| CIE _{LCh} | 34, 14.905, 234.536 |
| Yxy | 7.8509, 0.2427, 0.2890 |
| Android (android.graphics.Color) | 4281357410 (0xFF305462) |
| YUV | 74.8320, 11.4218, -23.5317 |
| Hunter-Lab | 28.0194, -7.0272, -7.3090 |

Details

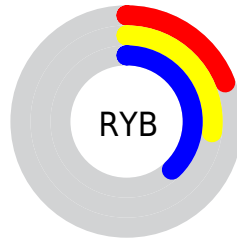
The Hex color **305462** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **623E30**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **628695**, and **002734** is the 20% darker color. If you saturate the color by 10%, you get **265162**, and if you desaturate by 10%, it is **3A5762**.

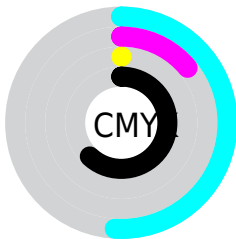
Distribution



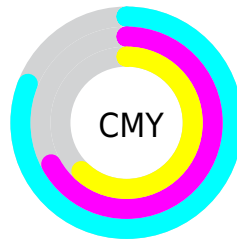
- Red (19%)
- Green (33%)
- Blue (38%)



- Red (19%)
- Yellow (27%)
- Blue (38%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (62%)



- Cyan (81%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305462 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 305462 by changing the saturation by 10% instead.

■ 305462

■ 305462

FFFFFF

■ 173D4A

■ 628695

■ 002734

■ 7BA0AF

■ 00131E

■ 96BBCB

■ 000003

■ B1D6E7

■ 000000

■ CDF3FF

■ EAFFFF

■ 305462

■ 305462

■ 265162

■ 3A5762

■ 1C4F62

■ 445962

■ 134C62

■ 4D5C62

■ 094962

■ 575F62

■ 004762

■ 616262

■ 6B6462

■ 756762

■ 7E6A62

■ 886D62

Harmonies

Analogous

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



2C5659



305462



3E5166

Triad

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



305462



654752



4E513A

Complementary

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



305462



623E30

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.



5A4E38



305462



674746

Square

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



305462



5C495D



634A3C



405441

Rectangle

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



305462



494E66



634A3C



525038

Sweetspot

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



305462



6C7A80



30623D



343D40



BFBFBF



404040

Same Dimension

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



305462



326A80



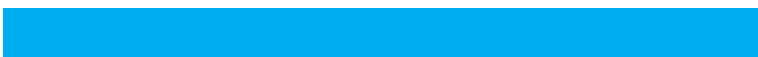
303C62



2C2F30



005170



00ADF0

Inverse Universe

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



623054



80326A



625630



302C2F



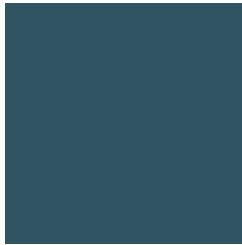
700051



F000AD

Previews

White Background



This preview shows how the Hex color 305462 looks on a white background.

Color Contrast Check

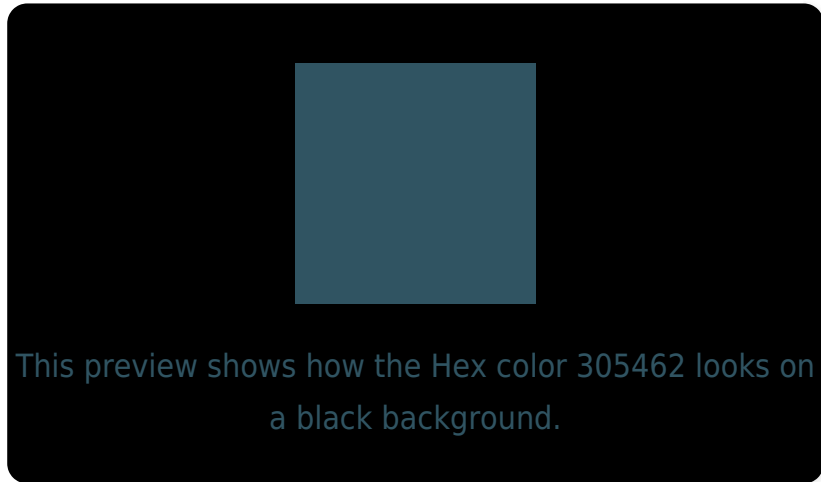
Large Text (above 18pt) WCAG AA ✓ Pass

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

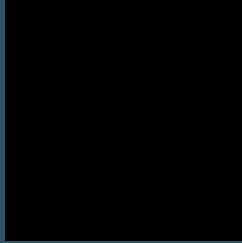
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

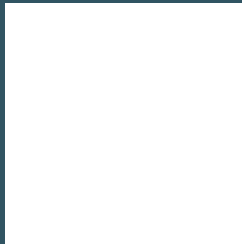
Any Text WCAG AAA × Fail

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

Hex 305462 Background



This preview shows how black text looks on a background with the Hex color 305462.

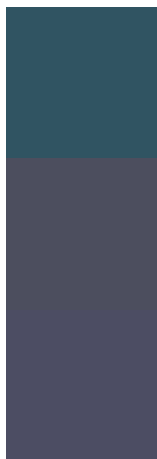


This preview shows how white text looks on a background with the Hex color 305462.

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](#).

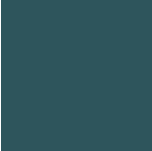
Dichromacy



Original Color
305462

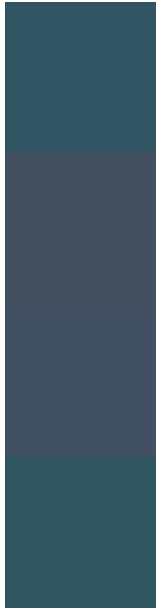
Protanopia
4C4E5E

Deuteranopia
4C4D63



Tritanopia
2E555C

Trichromacy



Original Color
305462

Protanomaly
42505F

Deuteranomaly
425063

Tritanomaly
2F555E

Monochromacy



Original Color
305462

Achromatopsia
4B4B4B

Achromatomaly
414E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 305462 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 #305462 looks like.

```
.text, #text, p{  
    color:#305462  
}
```

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 #305462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305462
}
```

Border

The CSS property to change the border of an element to Hex 305462 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".

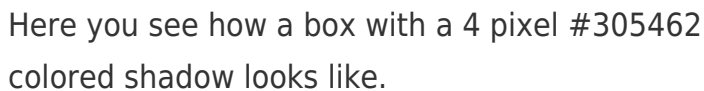
```
.border, #border, table{ border:4px solid
#305462 }
```

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

```
.border{ border-color:#305462 }
```

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

Here you see how a box with a 4 pixel #305462 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305462; -webkit-box-shadow:4px 4px  
4px 4px #305462; box-shadow:4px 4px 4px  
4px #305462 }
```

Background

The CSS property to change the background color of an element to Hex 305462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305462 }
```

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

```
.background{ background-color:#305462 }
```

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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