

Converting Colors

Hex(305078)

Have a look what the booklet for
Hex(305078) contains.

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Color

Hex(305078)

Conversions

Conversions Part 1

Format	Color
Hex	305078
RGB	48, 80, 120
RGB Percent	19%, 31%, 47%
CMY	0.8118, 0.6863, 0.5294
CMYK	0.60, 0.33, 0.00, 0.53
HSL	213°, 43%, 33%
HSV	213°, 60%, 47%
XYZ	7.4777, 7.7218, 18.8656
YIQ	74.9920, -31.9120, 5.6560

Conversions

Conversions Part 2

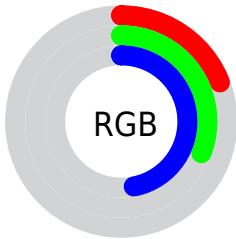
Format	Color
R_{YB}	48, 70, 120
Decimal	3166328
CIE _{Lab}	33.40, 1.33, -26.33
CIE _{LCh}	33, 26.365, 272.892
Y _{xy}	7.7218, 0.2195, 0.2267
Android (android.graphics.Color)	4281356408 (0xFF305078)
Y _{UV}	74.9920, 22.1889, -23.6720
Hunter-Lab	27.7881, -0.5949, -20.8010

Details

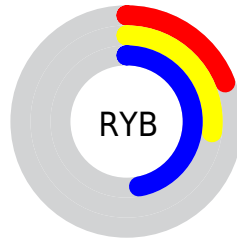
The Hex color **305078** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **785830**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6481AD**, and **002447** is the 20% darker color. If you saturate the color by 10%, you get **244978**, and if you desaturate by 10%, it is **3C5778**.

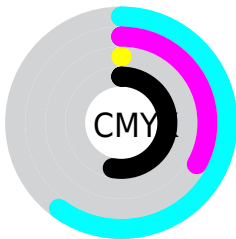
Distribution



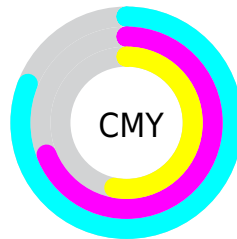
- Red (19%)
- Green (31%)
- Blue (47%)



- Red (19%)
- Yellow (27%)
- Blue (47%)



- Cyan (60%)
- Magenta (33%)
- Yellow (0%)
- Black (53%)



- Cyan (81%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 305078 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 305078 by changing the saturation by 10% instead.

■ 305078

■ 305078

FFFFFF

■ 13395F

■ 6481AD

■ 002447

■ 7F9BC8

■ 000E31

■ 9AB6E4

■ 00011B

■ B5D1FF

■ 000000

■ D2EDFF

■ EFFFFFF

■ 305078

■ 305078

■ 244978

■ 3C5778

■ 184378

■ 485D78

■ 0C3C78

■ 546478

■ 003578

■ 606B78

■ 6C7178

■ 787878

■ 847F78

■ 908578

■ 9C8C78

Harmonies

Analogous

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



005673



305078



534872

Triad

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



305078



754039



29583B

Complementary

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



305078



785830

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.



44542A



305078



6B472A

Square

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



305078



753D4D



594E24



005950

Rectangle

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



305078



644368



594E24



335735

Sweetspot

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



305078



808C9C



307858



3E454F



CFCFCF



4F4F4F

Same Dimension

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



305078



2C5D9C



343078



373A3D



00387D



0070FC

Inverse Universe

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



783050



9C2C5D



747830



3D373A



7D0038



FC0070

Previews

White Background



This preview shows how the Hex color 305078 looks on a white background.

Color Contrast Check

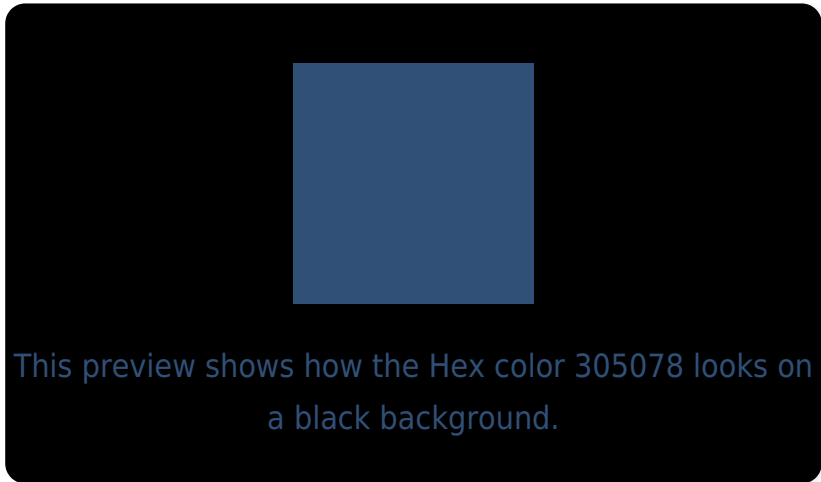
Large Text (above 18pt) WCAG AA ✓ Pass

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 305078 Background



This preview shows how black text looks on a background with the Hex color 305078.

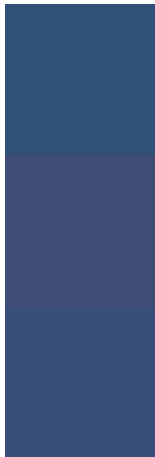


This preview shows how white text looks on a background with the Hex color 305078.

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](#).

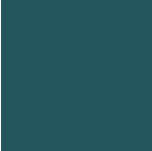
Dichromacy



Original Color
305078

Protanopia
404D75

Deuteranopia
394E78



Tritanopia
24555C

Trichromacy



Original Color
305078

Protanomaly
3A4E76

Deuteranomaly
364F78

Tritanomaly
285366

Monochromacy



Original Color
305078

Achromatopsia
4B4B4B

Achromatomaly
414D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 305078 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 #305078 looks like.

```
.text, #text, p{  
    color:#305078  
}
```

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 #305078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #305078
}
```

Border

The CSS property to change the border of an element to Hex 305078 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
#305078 }
```

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

```
.border{ border-color:#305078 }
```

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

Here you see how a box with a 4 pixel #305078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #305078; -webkit-box-shadow:4px 4px  
4px 4px #305078; box-shadow:4px 4px 4px  
4px #305078 }
```

Background

The CSS property to change the background color of an element to Hex 305078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#305078 }
```

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

```
.background{ background-color:#305078 }
```

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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