

Converting Colors

Hex(1F305A)

Have a look what the booklet for
Hex(1F305A) contains.

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Color

Hex(1F305A)

Conversions

Conversions Part 1

Format	Color
Hex	1F305A
RGB	31, 48, 90
RGB Percent	12%, 19%, 35%
CMY	0.8784, 0.8118, 0.6471
CMYK	0.66, 0.47, 0.00, 0.65
HSL	223°, 49%, 24%
HSV	223°, 66%, 35%
XYZ	3.4675, 3.1434, 10.0968
YIQ	47.7050, -23.6140, 9.4580

Conversions

Conversions Part 2

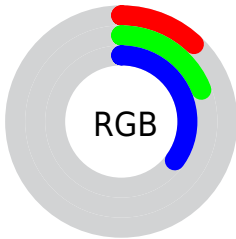
Format	Color
RYB	31, 44, 90
Decimal	2043994
CIELab	20.61, 8.03, -27.41
CIELCh	21, 28.559, 286.333
Yxy	3.1434, 0.2075, 0.1881
Android (android.graphics.Color)	4280234074 (0xFF1F305A)
YUV	47.7050, 20.8514, -14.6503
Hunter-Lab	17.7296, 3.8835, -21.3543

Details

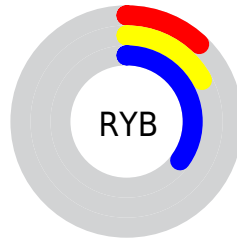
The Hex color **1F305A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A491F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **515E8C**, and **00002C** is the 20% darker color. If you saturate the color by 10%, you get **162A5A**, and if you desaturate by 10%, it is **28365A**.

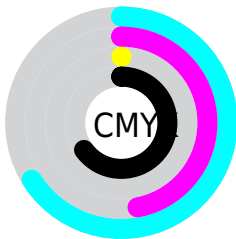
Distribution



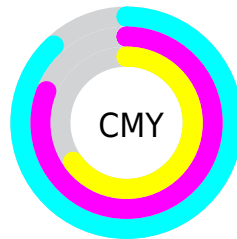
- Red (12%)
- Green (19%)
- Blue (35%)



- Red (12%)
- Yellow (17%)
- Blue (35%)



- Cyan (66%)
- Magenta (47%)
- Yellow (0%)
- Black (65%)



- Cyan (88%)
- Magenta (81%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F305A 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 1F305A by changing the saturation by 10% instead.

■ 1F305A

■ 1F305A

FFFFFF

■ 011B42

■ 515E8C

■ 00002C

■ 6B76A7

■ 000116

■ 8590C2

■ 000000

■ A0AADE

■ BCC5FB

■ D8E1FF

■ F5FEFF

■ 1F305A

■ 1F305A

■ 162A5A

■ 28365A

■ 0D235A

■ 313D5A

■ 041D5A

■ 3A435A

■ 001A5A

■ 434A5A

■ 4C505A

■ 55565A

■ 5E5D5A

■ 67635A

■ 706A5A

Harmonies

Analogous

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



00375A



1F305A



41274F

Triad

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



1F305A



522514



003B27

Complementary

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



1F305A



5A491F

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.



193913



1F305A



452D04

Square

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



1F305A



581E27



323403



003C3D

Rectangle

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



1F305A



4E2143



323403



003A20

Sweetspot

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



1F305A



5E6575



1F5A48



2D313B



BABABA



3B3B3B

Same Dimension

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



1F305A



193375



2B1F5A



292B2E



00206E



0044ED

Inverse Universe

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



5A1F30



751933



4E5A1F



2E292B



6E0020



ED0044

Previews

White Background



This preview shows how the Hex color 1F305A looks on a white background.

Color Contrast Check

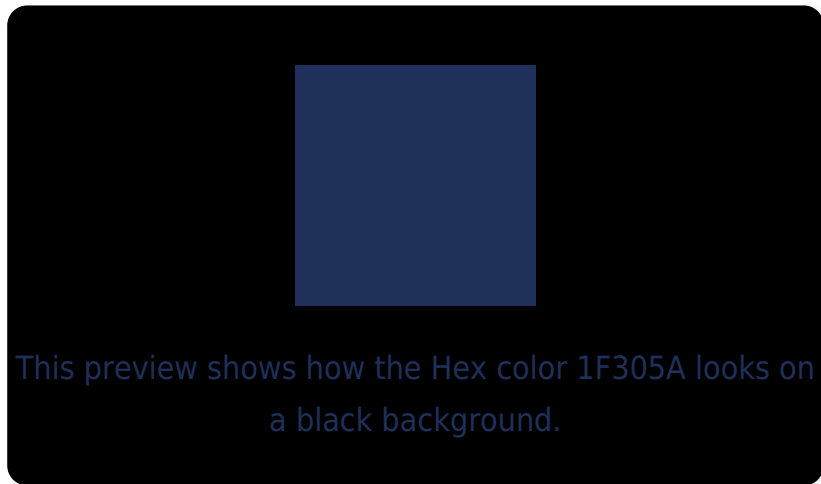
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F305A Background



This preview shows how black text looks on a background with the Hex color 1F305A.



This preview shows how white text looks on a background with the Hex color 1F305A.

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

1F305A

Protanopia

1D305A

Deuteranopia

083359



Tritanopia
0A373B

Trichromacy



Original Color
1F305A

Protanomaly
1E305A

Deuteranomaly
103259

Tritanomaly
123446

Monochromacy



Original Color
1F305A

Achromatopsia
303030

Achromatomaly
2A303F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F305A 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 #1F305A looks like.

```
.text, #text, p{  
    color:#1F305A  
}
```

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 #1F305A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F305A
}
```

Border

The CSS property to change the border of an element to Hex 1F305A 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
#1F305A }
```

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

```
.border{ border-color:#1F305A }
```

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

Here you see how a box with a 4 pixel #1F305A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F305A; -webkit-box-shadow:4px 4px  
4px 4px #1F305A; box-shadow:4px 4px 4px  
4px #1F305A }
```

Background

The CSS property to change the background color of an element to Hex 1F305A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F305A }
```

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

```
.background{ background-color:#1F305A }
```

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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