

Converting Colors

Hex(1F205F)

Have a look what the booklet for
Hex(1F205F) contains.

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Color

Hex(1F205F)

Conversions

Conversions Part 1

Format	Color
Hex	1F205F
RGB	31, 32, 95
RGB Percent	12%, 13%, 37%
CMY	0.8784, 0.8745, 0.6275
CMYK	0.67, 0.66, 0.00, 0.63
HSL	239°, 51%, 25%
HSV	239°, 67%, 37%
XYZ	3.1471, 2.1506, 11.0757
YIQ	38.8830, -20.8190, 19.3810

Conversions

Conversions Part 2

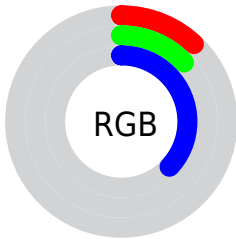
Format	Color
R_{YB}	31, 32, 95
Decimal	2039903
CIE _{Lab}	16.26, 21.51, -37.74
CIE _{LCh}	16, 43.444, 299.682
Yxy	2.1506, 0.1922, 0.1313
Android (android.graphics.Color)	4280229983 (0xFF1F205F)
YUV	38.8830, 27.6657, -6.9134
Hunter-Lab	14.6648, 12.6438, -34.5140




Details

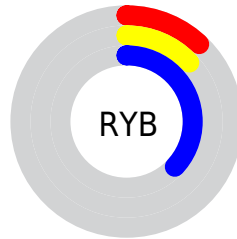
The Hex color **1F205F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5F5E1F**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **544C92**, and **000030** is the 20% darker color. If you saturate the color by 10%, you get **16175F**, and if you desaturate by 10%, it is **29295F**.

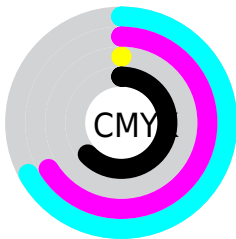
Distribution







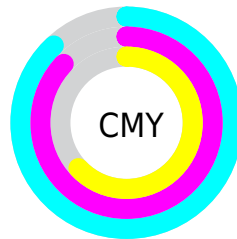
-  Red (12%)
-  Green (13%)
-  Blue (37%)






-  Red (12%)
-  Yellow (13%)
-  Blue (37%)



-  Cyan (67%)
-  Magenta (66%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (88%)
-  Magenta (87%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F205F 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 1F205F by changing the saturation by 10% instead.

■ 1F205F

■ 1F205F

FFFFFF

■ 000C47

■ 544C92

■ 000030

■ 6E64AD

■ 00011A

■ 887DC9

■ 000000

■ A497E5

■ C0B2FF

■ DCCDFE

■ F9EAFD

■ 1F205F

■ 1F205F

■ 16175F

■ 29295F

■ 0C0D5F

■ 32335F

■ 03045F

■ 3C3C5F

■ 00015F

■ 45455F

■ 4F4F5F

■ 58585F

■ 62615F

■ 6B6B5F

■ 75745F

Harmonies

Analogous

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



002D67



1F205F



4B0848

Triad

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



1F205F



4B1900



003527

Complementary

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



1F205F



5F5E1F

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.



003302



1F205F



332700

Square

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



1F205F



590009



142F00



003546

Rectangle

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



1F205F



580034



142F00



00341C

Sweetspot

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



1F205F



62627A



1F5F5E



2F2F3D



BDBDBD



3D3D3D

Same Dimension

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



1F205F



17197A



3E1F5F



2C2C30



000270



0004F0

Inverse Universe

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



5F1F20



7A1719



405F1F



302C2C



700002



F00004

Previews

White Background



This preview shows how the Hex color 1F205F looks on a white background.

Color Contrast Check

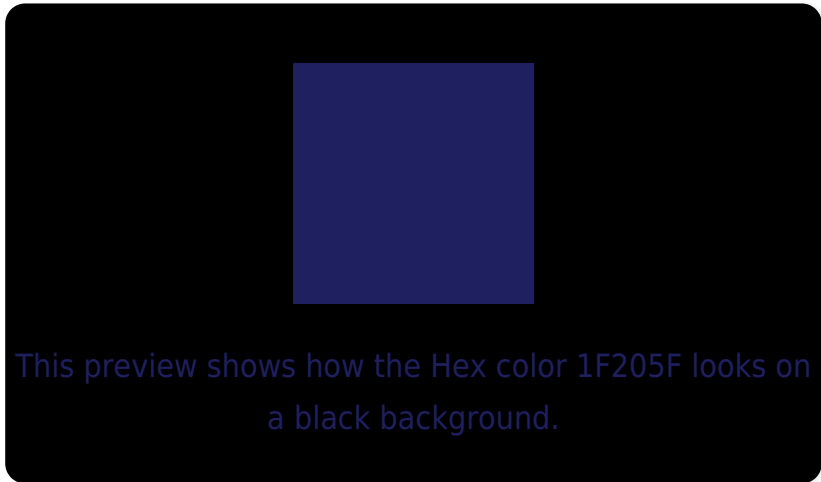
Large Text (above 18pt) WCAG AA ✓ Pass

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

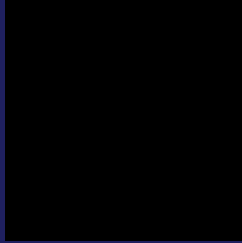
Any Text WCAG AA × Fail

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 1F205F Background



This preview shows how black text looks on a background with the Hex color 1F205F.



This preview shows how white text looks on a background with the Hex color 1F205F.

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
1F205F

Protanopia
002753

Deuteranopia
002A47

Trichromacy



Original Color
1F205F

Protanomaly
0B2457

Deuteranomaly
0B2650

Monochromacy



Original Color
1F205F

Achromatopsia
272727

Achromatomaly
24243B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F205F 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 #1F205F looks like.

```
.text, #text, p{  
    color:#1F205F  
}
```

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 #1F205F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F205F
}
```

Border

The CSS property to change the border of an element to Hex 1F205F is called "border". The border property can be set on classes, ids or directly on the HTML element.

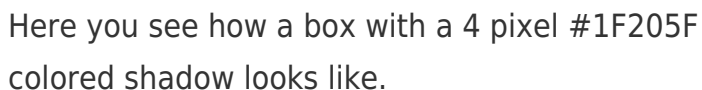
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F205F }
```

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

```
.border{ border-color:#1F205F }
```

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



Here you see how a box with a 4 pixel #1F205F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F205F; -webkit-box-shadow:4px 4px  
4px 4px #1F205F; box-shadow:4px 4px 4px  
4px #1F205F }
```

Background

The CSS property to change the background color of an element to Hex 1F205F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F205F }
```

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

```
.background{ background-color:#1F205F }
```

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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