

Converting Colors

Hex(1F2C65)

Have a look what the booklet for
Hex(1F2C65) contains.

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Color

Hex(1F2C65)

Conversions

Conversions Part 1

Format	Color
Hex	1F2C65
RGB	31, 44, 101
RGB Percent	12%, 17%, 40%
CMY	0.8784, 0.8275, 0.6039
CMYK	0.69, 0.56, 0.00, 0.60
HSL	229°, 53%, 26%
HSV	229°, 69%, 40%
XYZ	3.8147, 3.0323, 12.6961
YIQ	46.6110, -26.0450, 14.9710

Conversions

Conversions Part 2

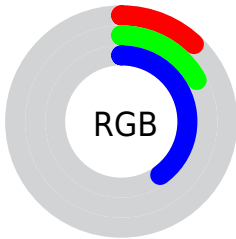
Format	Color
R_{YB}	31, 42, 101
Decimal	2042981
CIE _{Lab}	20.17, 15.27, -35.34
CIE _{LCh}	20, 38.501, 293.372
Yxy	3.0323, 0.1952, 0.1552
Android (android.graphics.Color)	4280233061 (0xFF1F2C65)
YUV	46.6110, 26.8138, -13.6908
Hunter-Lab	17.4134, 8.6303, -31.0392

Details

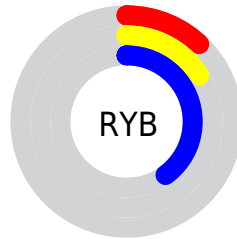
The Hex color **1F2C65** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65581F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **545999**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **152465**, and if you desaturate by 10%, it is **293465**.

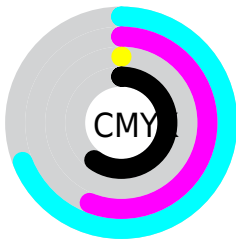
Distribution



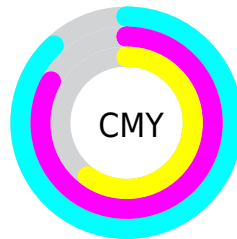
- Red (12%)
- Green (17%)
- Blue (40%)



- Red (12%)
- Yellow (16%)
- Blue (40%)



- Cyan (69%)
- Magenta (56%)
- Yellow (0%)
- Black (60%)



- Cyan (88%)
- Magenta (83%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F2C65 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 1F2C65 by changing the saturation by 10% instead.

■ 1F2C65

■ 1F2C65

FFFFFF

■ 00184D

■ 545999

■ 000036

■ 6E72B4

■ 00021F

■ 898BCF

■ 000003

■ A4A5EC

■ 000000

■ C0C0FF

■ DDDCFF

■ FAF9FF

■ 1F2C65

■ 1F2C65

■ 152465

■ 293465

■ 0B1C65

■ 333C65

■ 011365

■ 3D4565

■ 001365

■ 474D65

■ 525565

■ 5C5D65

■ 666665

■ 706E65

■ 7A7665

Harmonies

Analogous

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



003669



1F2C65



4C1D53

Triad

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



1F2C65



562000



003D29

Complementary

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



1F2C65



65581F

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.



003A0B



1F2C65



422D00

Square

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



1F2C65



61121C



293600



003D46

Rectangle

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



1F2C65



5A1342



293600



003C1F

Sweetspot

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



1F2C65



676C82



1F6557



323542



C2C2C2



424242

Same Dimension

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



1F2C65



162A82



341F65



2E2F33



001573



002DF2

Inverse Universe

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



651F2C



82162A



50651F



332E2F



730015



F2002D

Previews

White Background



This preview shows how the Hex color 1F2C65 looks on a white background.

Color Contrast Check

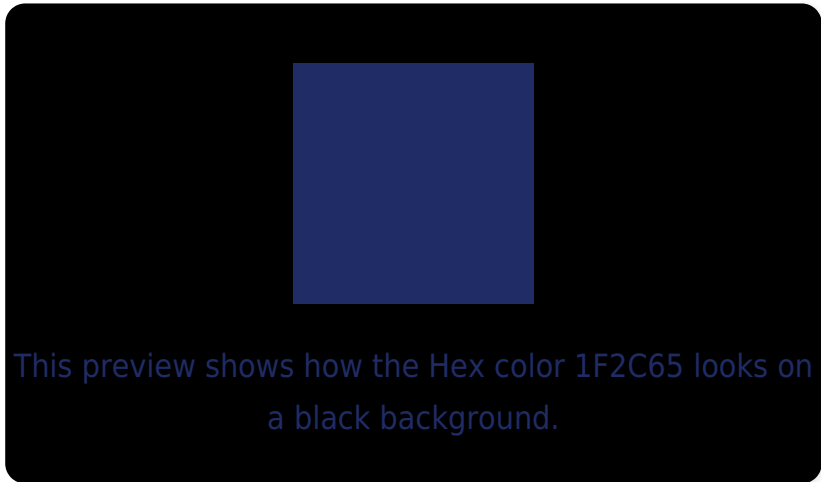
Large Text (above 18pt) WCAG AA ✓ Pass

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

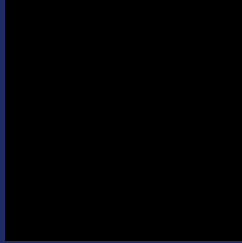
Any Text WCAG AA × Fail

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 1F2C65 Background



This preview shows how black text looks on a background with the Hex color 1F2C65.



This preview shows how white text looks on a background with the Hex color 1F2C65.

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
1F2C65

Protanopia
002F64

Deuteranopia
003256



Tritanopia
00363A

Trichromacy



Original Color
1F2C65

Protanomaly
0B2E64

Deuteranomaly
0B305B

Tritanomaly
0B324A

Monochromacy



Original Color
1F2C65

Achromatopsia
2F2F2F

Achromatomaly
292E43

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F2C65 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 #1F2C65 looks like.

```
.text, #text, p{  
    color:#1F2C65  
}
```

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 #1F2C65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F2C65
}
```

Border

The CSS property to change the border of an element to Hex 1F2C65 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
#1F2C65 }
```

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

```
.border{ border-color:#1F2C65 }
```

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

Here you see how a box with a 4 pixel #1F2C65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F2C65; -webkit-box-shadow:4px 4px  
4px 4px #1F2C65; box-shadow:4px 4px 4px  
4px #1F2C65 }
```

Background

The CSS property to change the background color of an element to Hex 1F2C65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F2C65 }
```

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

```
.background{ background-color:#1F2C65 }
```

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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