

Converting Colors

Hex(1F2545)

Have a look what the booklet for
Hex(1F2545) contains.

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Color

Hex(1F2545)

Conversions

Conversions Part 1

Format	Color
Hex	1F2545
RGB	31, 37, 69
RGB Percent	12%, 15%, 27%
CMY	0.8784, 0.8549, 0.7294
CMYK	0.55, 0.46, 0.00, 0.73
HSL	231°, 38%, 20%
HSV	231°, 55%, 27%
XYZ	2.3008, 2.0441, 5.9035
YIQ	38.8540, -13.8480, 8.6800

Conversions

Conversions Part 2

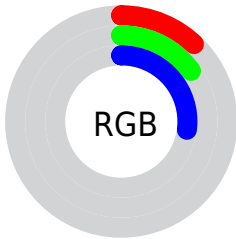
Format	Color
RYB	31, 36, 69
Decimal	2041157
CIELab	15.72, 7.93, -21.01
CIElCh	16, 22.458, 290.670
Yxy	2.0441, 0.2245, 0.1995
Android (android.graphics.Color)	4280231237 (0xFF1F2545)
YUV	38.8540, 14.8620, -6.8880
Hunter-Lab	14.2972, 3.7054, -14.4735

Details

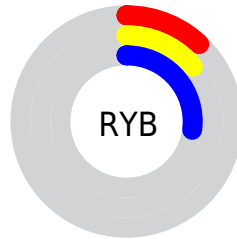
The Hex color **1F2545** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **453F1F**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **4E5176**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **181F45**, and if you desaturate by 10%, it is **262B45**.

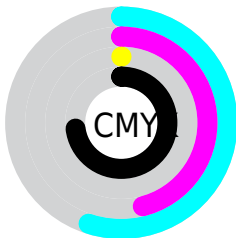
Distribution



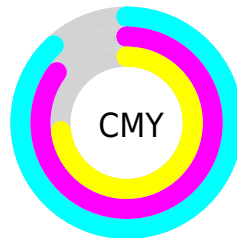
- Red (12%)
- Green (15%)
- Blue (27%)



- Red (12%)
- Yellow (14%)
- Blue (27%)



- Cyan (55%)
- Magenta (46%)
- Yellow (0%)
- Black (73%)



- Cyan (88%)
- Magenta (85%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F2545 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 1F2545 by changing the saturation by 10% instead.

■ 1F2545

■ 1F2545

FFFFFF

■ 08102F

■ 4E5176

■ 00011A

■ 676A8F

■ 000000

■ 8083AA

■ 9B9DC5

■ B6B8E1

■ D1D3FE

■ EEEFFF

■ 1F2545

■ 1F2545

■ 181F45

■ 262B45

■ 111945

■ 2D3145

■ 0A1445

■ 343645

■ 030E45

■ 3B3C45

■ 000B45

■ 424245

■ 484845

■ 4F4E45

■ 565345

■ 5D5945

Harmonies

Analogous

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



002A46



1F2545



361E3C

Triad

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



1F2545



3F1E0E



002F21

Complementary

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



1F2545



453F1F

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.



122D12



1F2545



352502

Square

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



1F2545



44191D



262A04



002F32

Rectangle

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



1F2545



3F1B32



262A04



002E1C

Sweetspot

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



1F2545



4A4C59



1F453F



25262E



ADADAD



2E2E2E

Same Dimension

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



1F2545



1E2859



2C1F45



202124



001063



0024E3

Inverse Universe

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



451F25



591E28



38451F



242021



630010



E30024

Previews

White Background



This preview shows how the Hex color 1F2545 looks on a white background.

Color Contrast Check

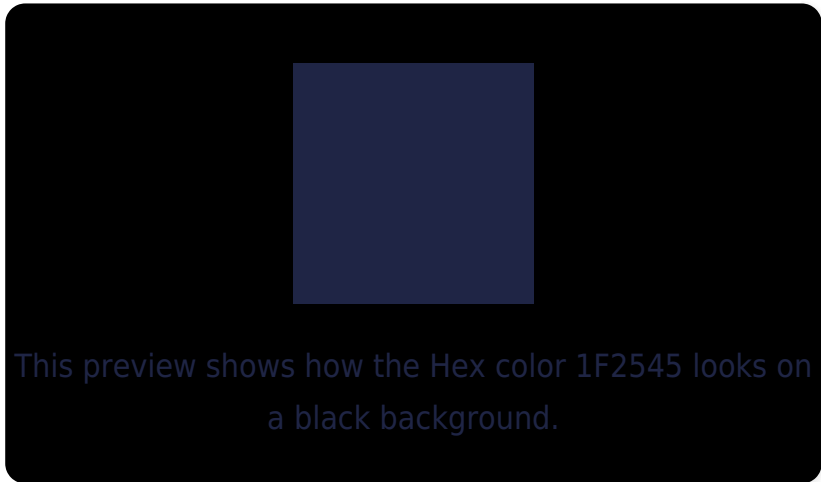
Large Text (above 18pt) WCAG AA ✓ Pass

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

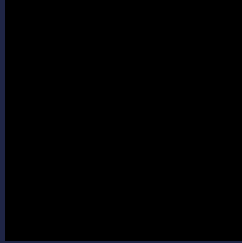
Any Text WCAG AA × Fail

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 1F2545 Background



This preview shows how black text looks on a background with the Hex color 1F2545.



This preview shows how white text looks on a background with the Hex color 1F2545.

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

1F2545

Protanopia

182646

Deuteranopia

102844



Tritanopia
162A2E

Trichromacy



Original Color
1F2545

Protanomaly
1B2646

Deuteranomaly
152744

Tritanomaly
192836

Monochromacy



Original Color
1F2545

Achromatopsia
272727

Achromatomaly
242632

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F2545 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 #1F2545 looks like.

```
.text, #text, p{  
    color:#1F2545  
}
```

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 #1F2545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F2545
}
```

Border

The CSS property to change the border of an element to Hex 1F2545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

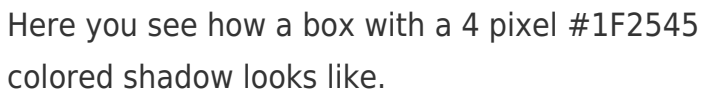
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F2545 }
```

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

```
.border{ border-color:#1F2545 }
```

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



Here you see how a box with a 4 pixel #1F2545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F2545; -webkit-box-shadow:4px 4px  
4px 4px #1F2545; box-shadow:4px 4px 4px  
4px #1F2545 }
```

Background

The CSS property to change the background color of an element to Hex 1F2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F2545 }
```

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

```
.background{ background-color:#1F2545 }
```

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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