

Converting Colors

Hex(1F1D34)

Have a look what the booklet for
Hex(1F1D34) contains.

Hex(1F1D34)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1F1D34)

Conversions

Conversions Part 1

Format	Color
Hex	1F1D34
RGB	31, 29, 52
RGB Percent	12%, 11%, 20%
CMY	0.8784, 0.8863, 0.7961
CMYK	0.40, 0.44, 0.00, 0.80
HSL	245°, 28%, 16%
HSV	245°, 44%, 20%
XYZ	1.6243, 1.4180, 3.4369
YIQ	32.2200, -6.1910, 7.5770

Conversions

Conversions Part 2

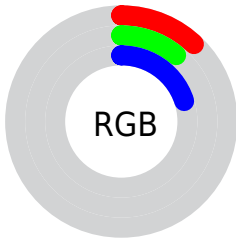
Format	Color
RYB	31, 29, 52
Decimal	2039092
CIELab	12.08, 7.77, -14.80
CIElCh	12, 16.714, 297.695
Yxy	1.4180, 0.2507, 0.2189
Android (android.graphics.Color)	4280229172 (0xFF1F1D34)
YUV	32.2200, 9.7515, -1.0699
Hunter-Lab	11.9079, 3.5093, -8.7771

Details

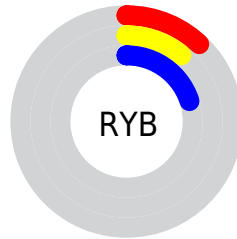
The Hex color **1F1D34** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32341D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **4C4863**, and **000003** is the 20% darker color. If you saturate the color by 10%, you get **1A1834**, and if you desaturate by 10%, it is **242234**.

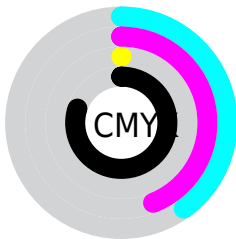
Distribution



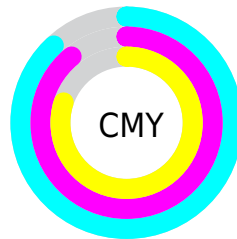
- Red (12%)
- Green (11%)
- Blue (20%)



- Red (12%)
- Yellow (11%)
- Blue (20%)



- Cyan (40%)
- Magenta (44%)
- Yellow (0%)
- Black (80%)



- Cyan (88%)
- Magenta (89%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1D34 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 1F1D34 by changing the saturation by 10% instead.

■ 1F1D34

■ 1F1D34

FFFFFF

■ 0A031F

■ 4C4863

■ 000003

■ 64607C

■ 000000

■ 7D7995

■ 9793B0

■ B2ADCC

■ CEC9E8

■ EAE5FF

■ 1F1D34

■ 1F1D34

■ 1A1834

■ 242234

■ 161334

■ 282734

■ 110D34

■ 2D2D34

■ 0C0834

■ 323234

■ 070334

■ 373734

■ 050034

■ 3B3C34

■ 404134

■ 454734

■ 4A4C34

Harmonies

Analogous

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



082137



1F1D34



2D192C

Triad

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



1F1D34



301A0A



00251E

Complementary

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



1F1D34



32341D

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.



0D2413



1F1D34



281F03

Square

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



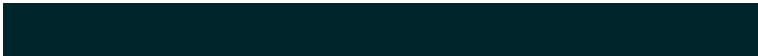
1F1D34



351716



1C2207



00252A

Rectangle

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



1F1D34



331725



1C2207



01251A

Sweetspot

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



1F1D34



3D3C45



1D3234



1E1E24



A3A3A3



242424

Same Dimension

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



1F1D34



242045



2A1D34



17171A



080059



1300D9

Inverse Universe

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



341D32



452042



27341D



1A1719



590051



D900C6

Previews

White Background



This preview shows how the Hex color 1F1D34 looks on a white background.

Color Contrast Check

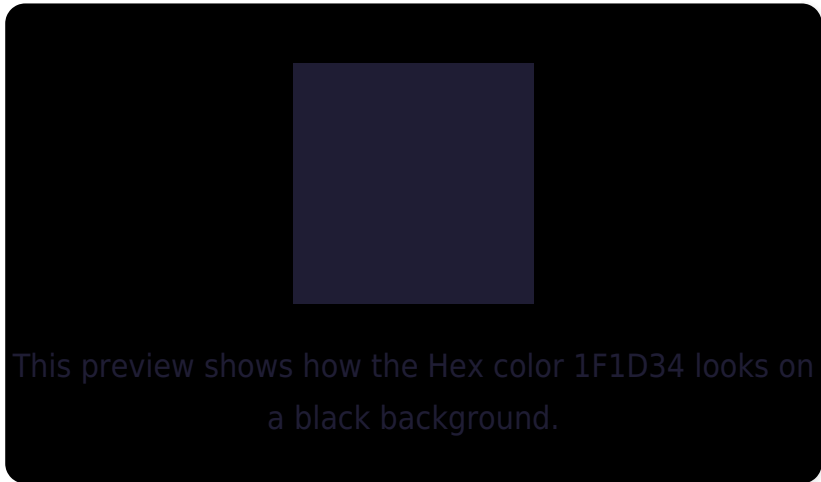
Large Text (above 18pt) WCAG AA ✓ Pass

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

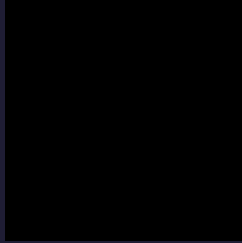
Any Text WCAG AA × Fail

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 1F1D34 Background



This preview shows how black text looks on a background with the Hex color 1F1D34.



This preview shows how white text looks on a background with the Hex color 1F1D34.

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
1F1D34

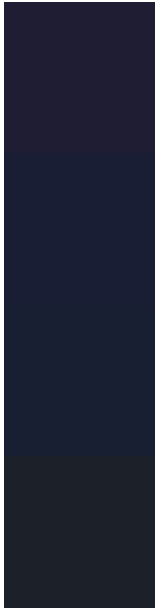
Protanopia
161F36

Deuteranopia
142033



Tritanopia
1B2123

Trichromacy



Original Color
1F1D34

Protanomaly
191E35

Deuteranomaly
181F33

Tritanomaly
1C2029

Monochromacy



Original Color
1F1D34

Achromatopsia
202020

Achromatomaly
201F27

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1D34 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 #1F1D34 looks like.

```
.text, #text, p{  
  color:#1F1D34  
}
```

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 #1F1D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1D34
}
```

Border

The CSS property to change the border of an element to Hex 1F1D34 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
#1F1D34 }
```

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

```
.border{ border-color:#1F1D34 }
```

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

Here you see how a box with a 4 pixel #1F1D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1D34; -webkit-box-shadow:4px 4px  
4px 4px #1F1D34; box-shadow:4px 4px 4px  
4px #1F1D34 }
```

Background

The CSS property to change the background color of an element to Hex 1F1D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1D34 }
```

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

```
.background{ background-color:#1F1D34 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor