

Converting Colors

Hex(1F1D57)

Have a look what the booklet for
Hex(1F1D57) contains.

Hex(1F1D57)	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(1F1D57)

Conversions

Conversions Part 1

Format	Color
Hex	1F1D57
RGB	31, 29, 87
RGB Percent	12%, 11%, 34%
CMY	0.8784, 0.8863, 0.6588
CMYK	0.64, 0.67, 0.00, 0.66
HSL	242°, 50%, 23%
HSV	242°, 67%, 34%
XYZ	2.7247, 1.8582, 9.2319
YIQ	36.2100, -17.4260, 18.4620

Conversions

Conversions Part 2

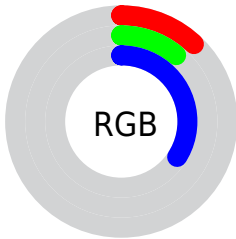
Format	Color
R_{YB}	31, 29, 87
Decimal	2039127
CIE _{Lab}	14.72, 20.59, -34.89
CIE _{LCh}	15, 40.514, 300.550
Yxy	1.8582, 0.1972, 0.1345
Android (android.graphics.Color)	4280229207 (0xFF1F1D57)
YUV	36.2100, 25.0395, -4.5692
Hunter-Lab	13.6314, 11.8248, -30.6121

Details

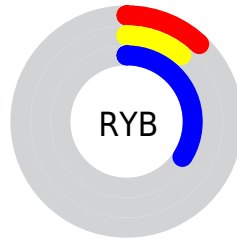
The Hex color **1F1D57** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **55571D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **52498A**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **171457**, and if you desaturate by 10%, it is **272657**.

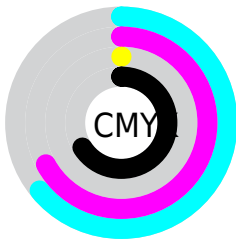
Distribution



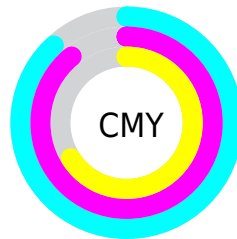
- Red (12%)
- Green (11%)
- Blue (34%)



- Red (12%)
- Yellow (11%)
- Blue (34%)



- Cyan (64%)
- Magenta (67%)
- Yellow (0%)
- Black (66%)



- Cyan (88%)
- Magenta (89%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1D57 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 1F1D57 by changing the saturation by 10% instead.



1F1D57



1F1D57

FFFFFF



03073F



52498A



000329



6C61A4



000113



867ABF



000000



A193DB



BDAEF8



D9C9FF



F6E5FF



1F1D57



1F1D57

■ 171457

■ 272657

■ 0E0C57

■ 302E57

■ 060357

■ 383757

■ 030057

■ 414057

■ 494957

■ 515157

■ 5A5A57

■ 626357

■ 6B6B57

Harmonies

Analogous

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



00295F



1F1D57



460842

Triad

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



1F1D57



441700



003125

Complementary

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



1F1D57



55571D

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.



002F02



1F1D57



2F2400

Square

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



1F1D57



520206



122B00



003142

Rectangle

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



1F1D57



51002F



122B00



00301B

Sweetspot

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



1F1D57



5B5A70



1D5557



2B2B38



B8B8B8



383838

Same Dimension

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



1F1D57



1A1670



3C1D57



27272B



04006B



0800EB

Inverse Universe

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



571D55



70166D



38571D



2B272B



6B0067



EB00E3

Previews

White Background



This preview shows how the Hex color 1F1D57 looks on a white background.

Color Contrast Check

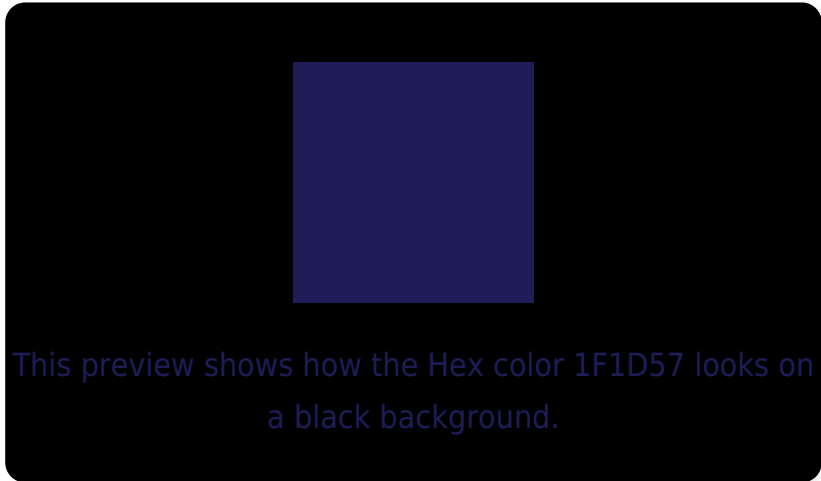
Large Text (above 18pt) WCAG AA ✓ Pass

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

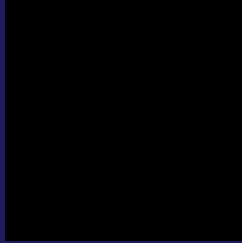
Any Text WCAG AA × Fail

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 1F1D57 Background



This preview shows how black text looks on a background with the Hex color 1F1D57.



This preview shows how white text looks on a background with the Hex color 1F1D57.

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
1F1D57

Protanopia
00244D

Deuteranopia
002742

Trichromacy



Original Color
1F1D57

Protanomaly
0B2151

Deuteranomaly
0B234A

Tritanomaly
0B253C

Monochromacy



Original Color
1F1D57

Achromatopsia
242424

Achromatomaly
222137

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1D57 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 #1F1D57 looks like.

```
.text, #text, p{  
    color:#1F1D57  
}
```

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 #1F1D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1D57
}
```

Border

The CSS property to change the border of an element to Hex 1F1D57 is called "border". The border property can be set on classes, ids or directly on the HTML element.

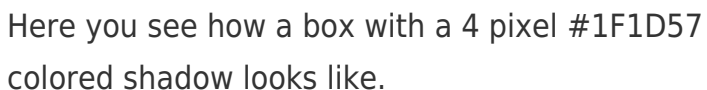
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1F1D57 }
```

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

```
.border{ border-color:#1F1D57 }
```

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



Here you see how a box with a 4 pixel #1F1D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1D57; -webkit-box-shadow:4px 4px  
4px 4px #1F1D57; box-shadow:4px 4px 4px  
4px #1F1D57 }
```

Background

The CSS property to change the background color of an element to Hex 1F1D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1D57 }
```

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

```
.background{ background-color:#1F1D57 }
```

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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