

Converting Colors

Hex(1F1377)

Have a look what the booklet for
Hex(1F1377) contains.

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Color

Hex(1F1377)

Conversions

Conversions Part 1

Format	Color
Hex	1F1377
RGB	31, 19, 119
RGB Percent	12%, 7%, 47%
CMY	0.8784, 0.9255, 0.5333
CMYK	0.74, 0.84, 0.00, 0.53
HSL	247°, 72%, 27%
HSV	247°, 84%, 47%
XYZ	4.1277, 2.0890, 17.6384
YIQ	33.9880, -24.9480, 33.6440

Conversions

Conversions Part 2

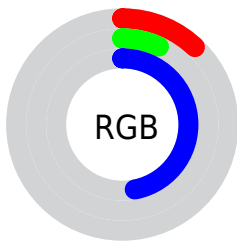
Format	Color
R_{YB}	31, 19, 119
Decimal	2036599
CIE _{Lab}	15.95, 38.05, -53.94
CIE _{LCh}	16, 66.011, 305.194
Yxy	2.0890, 0.1730, 0.0876
Android (android.graphics.Color)	4280226679 (0xFF1F1377)
YUV	33.9880, 41.9109, -2.6205
Hunter-Lab	14.4532, 25.6849, -62.2390

Details

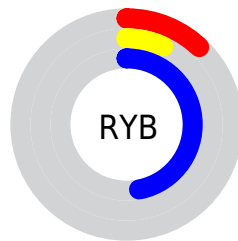
The Hex color **1F1377** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6B7713**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5B41AC**, and **000045** is the 20% darker color. If you saturate the color by 10%, you get **150777**, and if you desaturate by 10%, it is **291F77**.

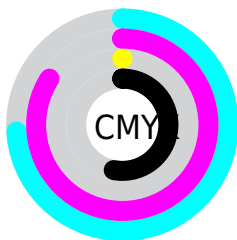
Distribution



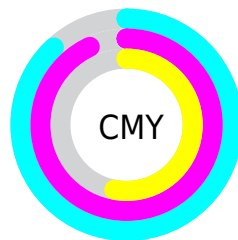
- Red (12%)
- Green (7%)
- Blue (47%)



- Red (12%)
- Yellow (7%)
- Blue (47%)



- Cyan (74%)
- Magenta (84%)
- Yellow (0%)
- Black (53%)



- Cyan (88%)
- Magenta (93%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1377 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 1F1377 by changing the saturation by 10% instead.

■ 1F1377

■ 1F1377

■ FFFBFF

■ 00005E

■ 5B41AC

■ 000045

■ 7759C8

■ 00042E

■ 9372E5

■ 000118

■ AF8CFF

■ 000000

■ CCA7FF

■ E9C2FF

■ FFDEFF

■ 1F1377

■ 1F1377

■ 150777

■ 291F77

■ 0E0077

■ 342B77

■ 3E3777

■ 494377

■ 534E77

■ 5E5A77

■ 686677

■ 737277

■ 7D7E77

Harmonies

Analogous

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



002E89



1F1377



610050

Triad

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



1F1377



501200



00382F

Complementary

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



1F1377



6B7713

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.



003600



1F1377



2B2900

Square

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



1F1377



690000



003200



00395E

Rectangle

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



1F1377



6F0032



003200



00381E

Sweetspot

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



1F1377



79759C



136B77



3A374F



CFCFCF



4F4F4F

Same Dimension

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



1F1377



13009C



511377



35353B



0F007A



1E00FA

Inverse Universe

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



77136B



9C0089



397713



3B353A



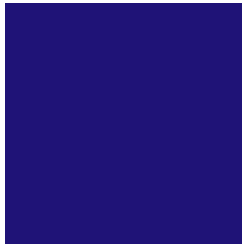
7A006C



FA00DC

Previews

White Background



This preview shows how the Hex color 1F1377 looks on a white background.

Color Contrast Check

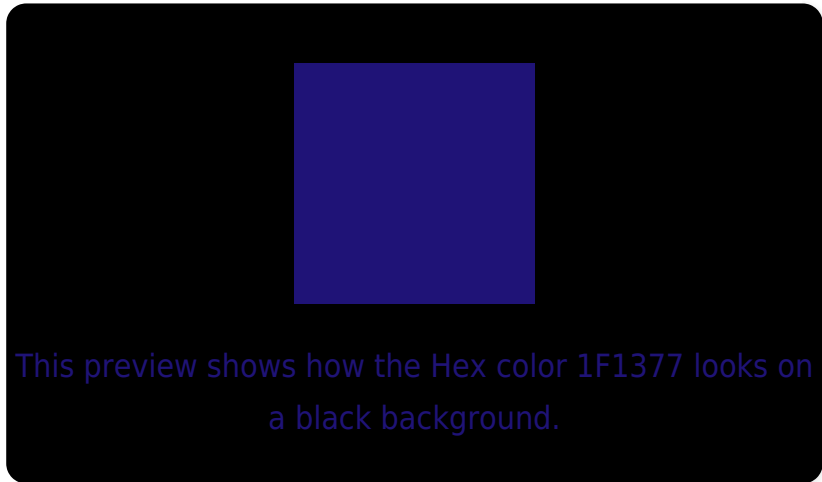
Large Text (above 18pt) WCAG AA ✓ Pass

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

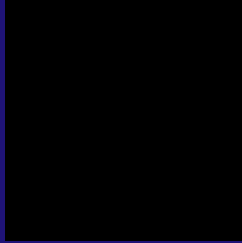
Any Text WCAG AA × Fail

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 1F1377 Background



This preview shows how black text looks on a background with the Hex color 1F1377.



This preview shows how white text looks on a background with the Hex color 1F1377.

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
1F1377

Protanopia
002853

Deuteranopia
002A47

Trichromacy



Original Color
1F1377

Protanomaly
0B2060

Deuteranomaly
0B2258

Tritanomaly
0B244A

Monochromacy



Original Color
1F1377

Achromatopsia
222222

Achromatomaly
211D41

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1377 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 #1F1377 looks like.

```
.text, #text, p{  
    color:#1F1377  
}
```

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 #1F1377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1377
}
```

Border

The CSS property to change the border of an element to Hex 1F1377 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
#1F1377 }
```

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

```
.border{ border-color:#1F1377 }
```

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

Here you see how a box with a 4 pixel #1F1377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1377; -webkit-box-shadow:4px 4px  
4px 4px #1F1377; box-shadow:4px 4px 4px  
4px #1F1377 }
```

Background

The CSS property to change the background color of an element to Hex 1F1377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1377 }
```

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

```
.background{ background-color:#1F1377 }
```

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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