

Converting Colors

Hex(1F1754)

Have a look what the booklet for
Hex(1F1754) contains.

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Color

Hex(1F1754)

Conversions

Conversions Part 1

Format	Color
Hex	1F1754
RGB	31, 23, 84
RGB Percent	12%, 9%, 33%
CMY	0.8784, 0.9098, 0.6706
CMYK	0.63, 0.73, 0.00, 0.67
HSL	248°, 57%, 21%
HSV	248°, 73%, 33%
XYZ	2.4717, 1.5442, 8.5553
YIQ	32.3460, -14.8130, 20.6670

Conversions

Conversions Part 2

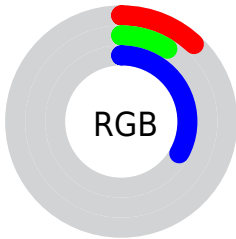
Format	Color
RYB	31, 23, 84
Decimal	2037588
CIELab	12.89, 23.62, -35.86
CIELCh	13, 42.941, 303.378
Yxy	1.5442, 0.1966, 0.1228
Android (android.graphics.Color)	4280227668 (0xFF1F1754)
YUV	32.3460, 25.4654, -1.1804
Hunter-Lab	12.4266, 13.7581, -32.1207

Details

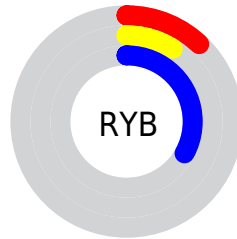
The Hex color **1F1754** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4C5417**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **524386**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **180F54**, and if you desaturate by 10%, it is **261F54**.

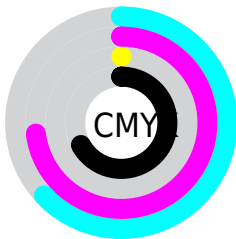
Distribution



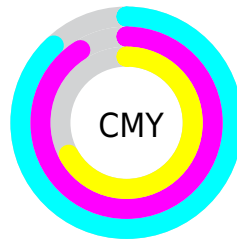
- Red (12%)
- Green (9%)
- Blue (33%)



- Red (12%)
- Yellow (9%)
- Blue (33%)



- Cyan (63%)
- Magenta (73%)
- Yellow (0%)
- Black (67%)



- Cyan (88%)
- Magenta (91%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F1754 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 1F1754 by changing the saturation by 10% instead.

■ 1F1754

■ 1F1754

■ FFFBFF

■ 06003C

■ 524386

■ 000226

■ 6C5AA1

■ 00010F

■ 8673BC

■ 000000

■ A18DD8

■ BDA7F5

■ D9C2FF

■ F6DEFF

■ 1F1754

■ 1F1754

■ 180F54

■ 261F54

■ 100654

■ 2E2854

■ 0B0054

■ 353054

■ 3C3954

■ 434154

■ 4B4954

■ 525254

■ 595A54

■ 616354

Harmonies

Analogous

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



00255E



1F1754



46003D

Triad

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



1F1754



3F1400



002D24

Complementary

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



1F1754



4C5417

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.



002C00



1F1754



282100

Square

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



1F1754



4F0000



052800



002D42

Rectangle

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



1F1754



500029



052800



002D19

Sweetspot

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



1F1754



59566E



174D54



2B2A38



B8B8B8



383838

Same Dimension

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



1F1754



1B0E6E



3D1754



252529



0E0069



1E00E8

Inverse Universe

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



54174C



6E0E61



2E5417



292528



69005B



E800CA

Previews

White Background



This preview shows how the Hex color 1F1754 looks on a white background.

Color Contrast Check

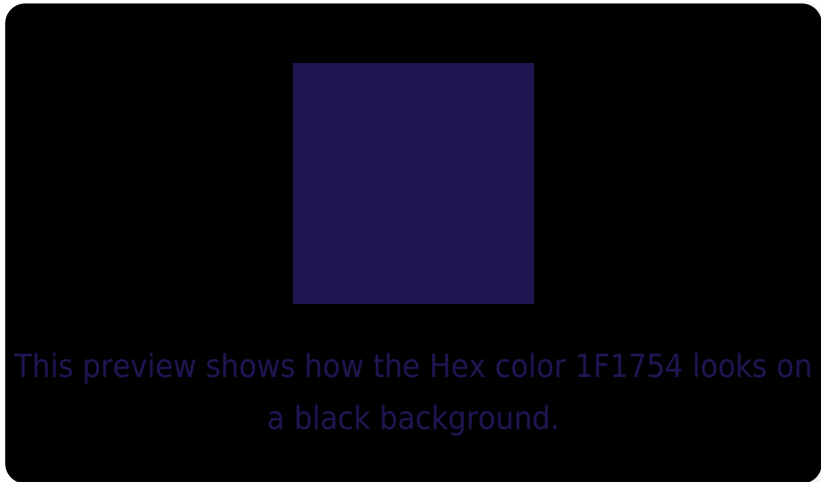
Large Text (above 18pt) WCAG AA ✓ Pass

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

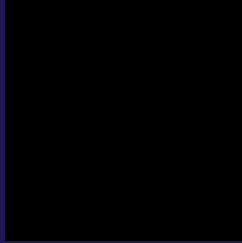
Any Text WCAG AA × Fail

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 1F1754 Background



This preview shows how black text looks on a background with the Hex color 1F1754.



This preview shows how white text looks on a background with the Hex color 1F1754.

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
1F1754

Protanopia
002145

Deuteranopia
00233B

Trichromacy



Original Color
1F1754

Protanomaly
0B1D4A

Deuteranomaly
0B1F44

Tritanomaly
0B2139

Monochromacy



Original Color
1F1754

Achromatopsia
202020

Achromatomaly
201D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F1754 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 #1F1754 looks like.

```
.text, #text, p{  
    color:#1F1754  
}
```

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 #1F1754 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F1754
}
```

Border

The CSS property to change the border of an element to Hex 1F1754 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
#1F1754 }
```

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

```
.border{ border-color:#1F1754 }
```

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

Here you see how a box with a 4 pixel #1F1754 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F1754; -webkit-box-shadow:4px 4px  
4px 4px #1F1754; box-shadow:4px 4px 4px  
4px #1F1754 }
```

Background

The CSS property to change the background color of an element to Hex 1F1754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F1754 }
```

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

```
.background{ background-color:#1F1754 }
```

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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