

Converting Colors

Hex(1F7335)

Have a look what the booklet for
Hex(1F7335) contains.

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Color

Hex(1F7335)

Conversions

Conversions Part 1

Format	Color
Hex	1F7335
RGB	31, 115, 53
RGB Percent	12%, 45%, 21%
CMY	0.8784, 0.5490, 0.7922
CMYK	0.73, 0.00, 0.54, 0.55
HSL	136°, 58%, 29%
HSV	136°, 73%, 45%
XYZ	7.3384, 12.8098, 5.4539
YIQ	82.8160, -30.1620, -37.0900

Conversions

Conversions Part 2

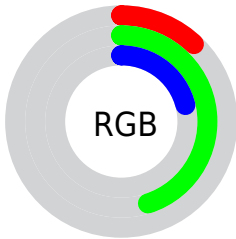
Format	Color
R_{YB}	31, 98, 115
Decimal	2061109
CIE _{Lab}	42.48, -39.14, 27.09
CIE _{LCh}	42, 47.604, 145.308
Yxy	12.8098, 0.2866, 0.5003
Android (android.graphics.Color)	4280251189 (0xFF1F7335)
YUV	82.8160, -14.6993, -45.4426
Hunter-Lab	35.7908, -26.0349, 16.0187

Details

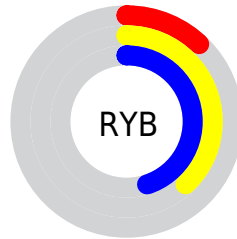
The Hex color **1F7335** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **731F5D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **58A865**, and **004207** is the 20% darker color. If you saturate the color by 10%, you get **14732D**, and if you desaturate by 10%, it is **2B733D**.

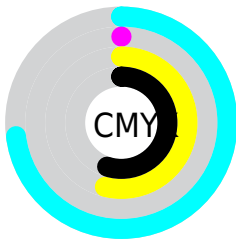
Distribution



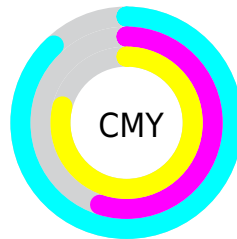
- Red (12%)
- Green (45%)
- Blue (21%)



- Red (12%)
- Yellow (38%)
- Blue (45%)



- Cyan (73%)
- Magenta (0%)
- Yellow (54%)
- Black (55%)



- Cyan (88%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7335 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 1F7335 by changing the saturation by 10% instead.

 1F7335

 1F7335

FFFFFF

 005A1E

 58A865

 004207

 73C37F

 002B00

 8EE099

 001000

 AAFCB4

 000000

 C7FFCF

 E3FFEC

 1F7335

 1F7335

 14732D

 2B733D

■ 087324

■ 367346

■ 00731E

■ 42734E

■ 4D7357

■ 59735F

■ 647368

■ 707370

■ 7B7379

■ 877381

Harmonies

Analogous

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



586C14



1F7335



00765D

Triad

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



1F7335



006BB3



AA4245

Complementary

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



1F7335



731F5D

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.



A73E6C



1F7335



595CAC

Square

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



1F7335



0073A4



8E4B92



9A5123

Rectangle

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



1F7335



007778



8E4B92



AB3F52

Sweetspot

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



1F7335



75967E



5E731F



394D3E



CCCCCC



4D4D4D

Same Dimension

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



1F7335



129635



1F735E



353B36



007A20



00FA41

Inverse Universe

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



731F5D



961274



731F34



3B3539



7A005A



FA00B8

Previews

White Background



This preview shows how the Hex color 1F7335 looks on a white background.

Color Contrast Check

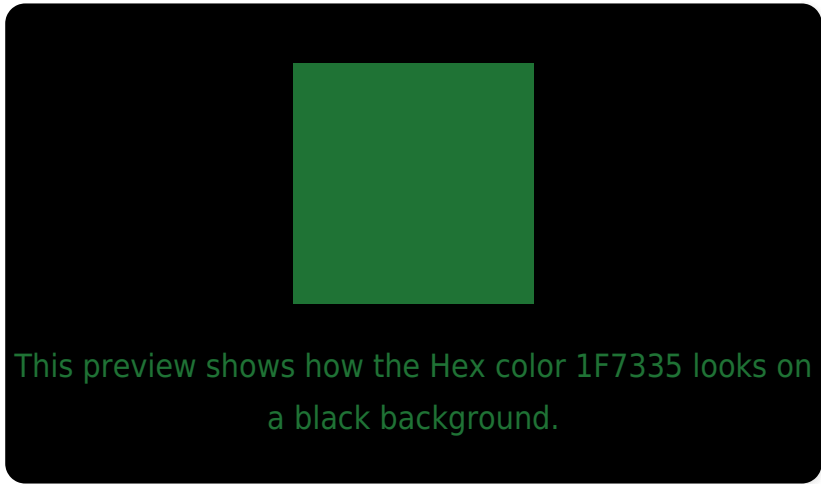
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

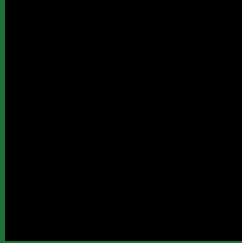
Any Text WCAG AA × Fail

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 1F7335 Background



This preview shows how black text looks on a background with the Hex color 1F7335.



This preview shows how white text looks on a background with the Hex color 1F7335.

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
1F7335

Protanopia
6E6430

Deuteranopia
795F3A



Tritanopia
356C75

Trichromacy



Original Color
1F7335

Protanomaly
516932

Deuteranomaly
586638

Tritanomaly
2D6F5E

Monochromacy



Original Color
1F7335

Achromatopsia
535353

Achromatomaly
405F48

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7335 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 #1F7335 looks like.

```
.text, #text, p{  
    color:#1F7335  
}
```

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 #1F7335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7335
}
```

Border

The CSS property to change the border of an element to Hex 1F7335 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
#1F7335 }
```

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

```
.border{ border-color:#1F7335 }
```

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

Here you see how a box with a 4 pixel #1F7335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7335; -webkit-box-shadow:4px 4px  
4px 4px #1F7335; box-shadow:4px 4px 4px  
4px #1F7335 }
```

Background

The CSS property to change the background color of an element to Hex 1F7335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7335 }
```

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

```
.background{ background-color:#1F7335 }
```

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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