

Converting Colors

Hex(1F5940)

Have a look what the booklet for
Hex(1F5940) contains.

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Color

Hex(1F5940)

Conversions

Conversions Part 1

Format	Color
Hex	1F5940
RGB	31, 89, 64
RGB Percent	12%, 35%, 25%
CMY	0.8784, 0.6510, 0.7490
CMYK	0.65, 0.00, 0.28, 0.65
HSL	154°, 48%, 24%
HSV	154°, 65%, 35%
XYZ	5.0629, 7.8062, 6.0904
YIQ	68.8080, -26.5430, -20.0710

Conversions

Conversions Part 2

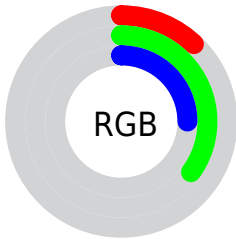
Format	Color
R_{YB}	31, 68, 89
Decimal	2054464
CIE _{Lab}	33.58, -25.56, 8.99
CIE _{LCh}	34, 27.095, 160.626
Yxy	7.8062, 0.2670, 0.4117
Android (android.graphics.Color)	4280244544 (0xFF1F5940)
YUV	68.8080, -2.3703, -33.1576
Hunter-Lab	27.9396, -16.5488, 6.6335

Details

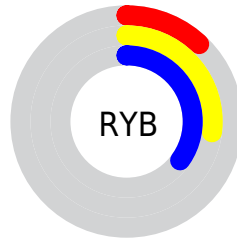
The Hex color **1F5940** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **591F38**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **528C70**, and **002B15** is the 20% darker color. If you saturate the color by 10%, you get **16593C**, and if you desaturate by 10%, it is **285944**.

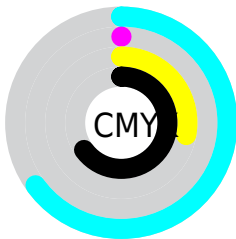
Distribution



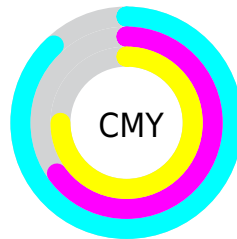
- Red (12%)
- Green (35%)
- Blue (25%)



- Red (12%)
- Yellow (27%)
- Blue (35%)



- Cyan (65%)
- Magenta (0%)
- Yellow (28%)
- Black (65%)



- Cyan (88%)
- Magenta (65%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F5940 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 1F5940 by changing the saturation by 10% instead.

 1F5940

 1F5940

FFFFFF

 00412A

 528C70

 002B15

 6CA689

 001500

 86C1A3

 000000

 A1DDBF

 BDFADA

 D9FFF7

 F6FFFF

 1F5940

 1F5940

■ 16593C

■ 285944

■ 0D5938

■ 315948

■ 045934

■ 3A594C

■ 005933

■ 43594F

■ 4C5953

■ 545957

■ 5D595B

■ 66595F

■ 6F5963

Harmonies

Analogous

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



3D562D



1F5940



005A56

Triad

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



1F5940



3A4F79



744134

Complementary

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



1F5940



591F38

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.



783D48



1F5940



5B4670

Square

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



1F5940



005577



6F3F5E



684926

Rectangle

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



1F5940



005A64



6F3F5E



773F3A

Sweetspot

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



1F5940



5C7369



38591F



2D3B35



BABABA



3B3B3B

Same Dimension

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



1F5940



19734C



1F5559



272B29



006B3D



00EB85

Inverse Universe

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



591F38



731940



59231F



2B2729



6B002E



EB0065

Previews

White Background



This preview shows how the Hex color 1F5940 looks on a white background.

Color Contrast Check

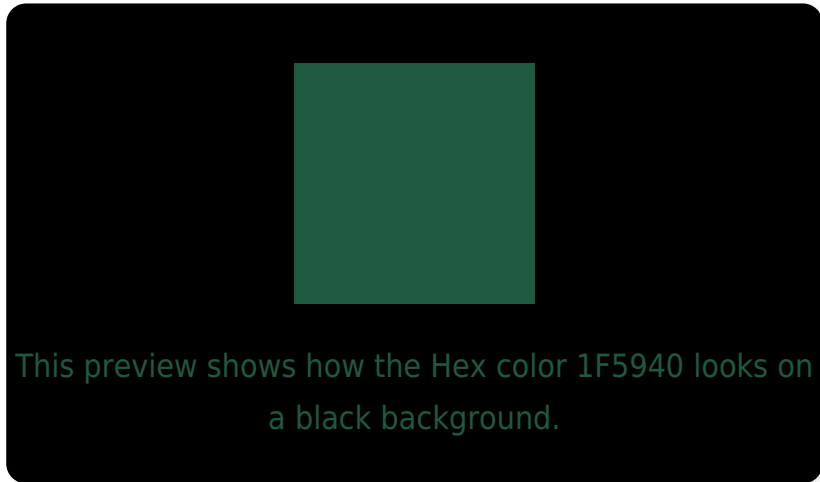
Large Text (above 18pt) WCAG AA ✓ Pass

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

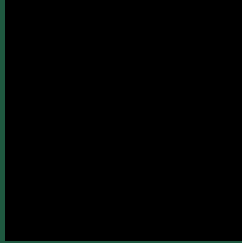
Any Text WCAG AA × Fail

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 1F5940 Background



This preview shows how black text looks on a background with the Hex color 1F5940.



This preview shows how white text looks on a background with the Hex color 1F5940.

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](#).

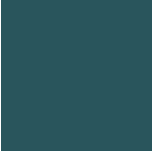
Dichromacy



Original Color
1F5940

Protanopia
544F3B

Deuteranopia
5A4C43



Tritanopia
29555C

Trichromacy



Original Color
1F5940

Protanomaly
41533D

Deuteranomaly
455142

Tritanomaly
255652

Monochromacy



Original Color
1F5940

Achromatopsia
454545

Achromatomaly
374C43

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5940 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 #1F5940 looks like.

```
.text, #text, p{  
    color:#1F5940  
}
```

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 #1F5940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5940
}
```

Border

The CSS property to change the border of an element to Hex 1F5940 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
#1F5940 }
```

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

```
.border{ border-color:#1F5940 }
```

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

Here you see how a box with a 4 pixel #1F5940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5940; -webkit-box-shadow:4px 4px  
4px 4px #1F5940; box-shadow:4px 4px 4px  
4px #1F5940 }
```

Background

The CSS property to change the background color of an element to Hex 1F5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5940 }
```

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

```
.background{ background-color:#1F5940 }
```

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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