

Converting Colors

Hex(1F5347)

Have a look what the booklet for
Hex(1F5347) contains.

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Color

Hex(1F5347)

Conversions

Conversions Part 1

Format	Color
Hex	1F5347
RGB	31, 83, 71
RGB Percent	12%, 33%, 28%
CMY	0.8784, 0.6745, 0.7216
CMYK	0.63, 0.00, 0.14, 0.67
HSL	166°, 46%, 22%
HSV	166°, 63%, 33%
XYZ	4.7957, 6.9328, 7.0466
YIQ	66.0840, -27.1400, -14.7560

Conversions

Conversions Part 2

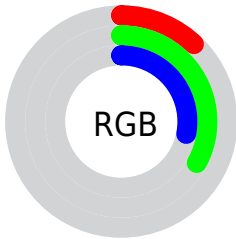
Format	Color
R_{YB}	31, 60, 83
Decimal	2052935
CIE _{Lab}	31.65, -20.64, 1.86
CIE _{LCh}	32, 20.727, 174.843
Yxy	6.9328, 0.2554, 0.3693
Android (android.graphics.Color)	4280243015 (0xFF1F5347)
YUV	66.0840, 2.4236, -30.7687
Hunter-Lab	26.3301, -13.5664, 2.5635

Details

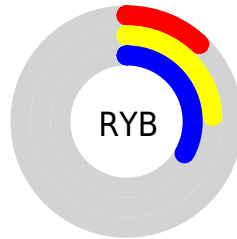
The Hex color **1F5347** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **531F2B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **518577**, and **00261C** is the 20% darker color. If you saturate the color by 10%, you get **175345**, and if you desaturate by 10%, it is **275349**.

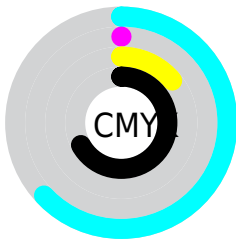
Distribution



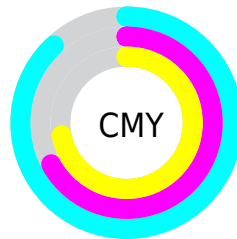
- Red (12%)
- Green (33%)
- Blue (28%)



- Red (12%)
- Yellow (24%)
- Blue (33%)



- Cyan (63%)
- Magenta (0%)
- Yellow (14%)
- Black (67%)



- Cyan (88%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1F5347 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 1F5347 by changing the saturation by 10% instead.

 1F5347

 1F5347

FFFFFF

 013C31

 518577

 00261C

 6B9F91

 000B01

 85BAAB

 000000

 A0D6C7

 BBF3E3

 D7FFFF

 F4FFFF

 1F5347

 1F5347

■ 175345

■ 275349

■ 0E5343

■ 30534B

■ 065341

■ 38534D

■ 005340

■ 40534F

■ 485351

■ 515352

■ 595354

■ 615356

■ 6A5358

Harmonies

Analogous

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



345137



1F5347



095358

Triad

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



1F5347



484768



644330

Complementary

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



1F5347



531F2B

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.



6A3F3E



1F5347



5C425D

Square

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



1F5347



2E4D6B



683E4E



58492A

Rectangle

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



1F5347



095261



683E4E



674134

Sweetspot

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



1F5347



576B66



2B531F



293633



B5B5B5



363636

Same Dimension

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



1F5347



1B6B59



1F4553



252928



006950



00E8B3

Inverse Universe

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



531F2B



6B1B2D



532D1F



292526



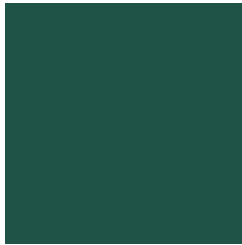
690018



E80036

Previews

White Background



This preview shows how the Hex color 1F5347 looks on a white background.

Color Contrast Check

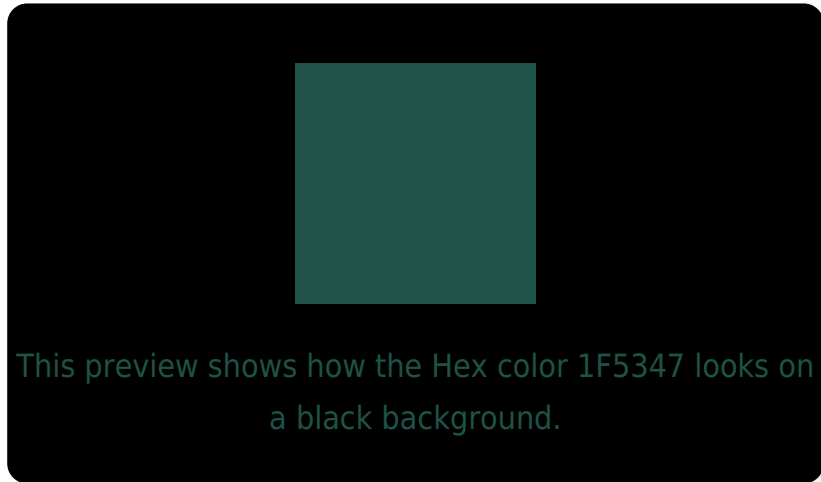
Large Text (above 18pt) WCAG AA ✓ Pass

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

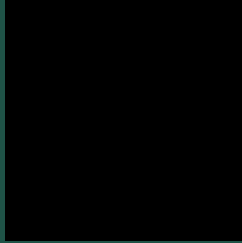
Any Text WCAG AA × Fail

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 1F5347 Background



This preview shows how black text looks on a background with the Hex color 1F5347.



This preview shows how white text looks on a background with the Hex color 1F5347.

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
1F5347

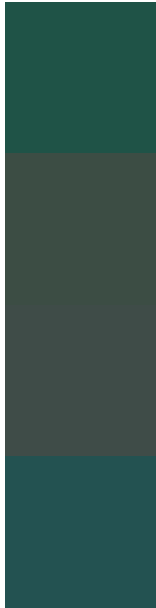
Protanopia
4D4A42

Deuteranopia
524849



Tritanopia
265157

Trichromacy



Original Color
1F5347

Protanomaly
3C4D44

Deuteranomaly
3F4C48

Tritanomaly
235251

Monochromacy



Original Color
1F5347

Achromatopsia
424242

Achromatomaly
354844

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5347 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 #1F5347 looks like.

```
.text, #text, p{  
    color:#1F5347  
}
```

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 #1F5347 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5347
}
```

Border

The CSS property to change the border of an element to Hex 1F5347 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
#1F5347 }
```

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

```
.border{ border-color:#1F5347 }
```

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

Here you see how a box with a 4 pixel #1F5347 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5347; -webkit-box-shadow:4px 4px  
4px 4px #1F5347; box-shadow:4px 4px 4px  
4px #1F5347 }
```

Background

The CSS property to change the background color of an element to Hex 1F5347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5347 }
```

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

```
.background{ background-color:#1F5347 }
```

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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