

Converting Colors

Hex(1F5050)

Have a look what the booklet for
Hex(1F5050) contains.

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Color

Hex(1F5050)

Conversions

Conversions Part 1

Format	Color
Hex	1F5050
RGB	31, 80, 80
RGB Percent	12%, 31%, 31%
CMY	0.8784, 0.6863, 0.6863
CMYK	0.61, 0.00, 0.00, 0.69
HSL	180°, 44%, 22%
HSV	180°, 61%, 31%
XYZ	4.8817, 6.6078, 8.6076
YIQ	65.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

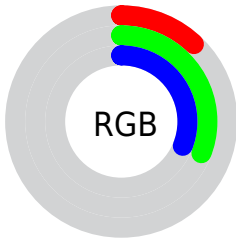
Format	Color
R_{YB}	31, 56, 80
Decimal	2052176
CIE Lab	30.90, -16.28, -4.98
CIE LCh	31, 17.028, 197.003
Yxy	6.6078, 0.2429, 0.3288
Android (android.graphics.Color)	4280242256 (0xFF1F5050)
YUV	65.3490, 7.2229, -30.1241
Hunter-Lab	25.7057, -11.0864, -1.8593




Details

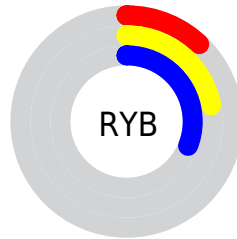
The Hex color **1F5050** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **501F1F**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **518181**, and **002324** is the 20% darker color. If you saturate the color by 10%, you get **175050**, and if you desaturate by 10%, it is **275050**.

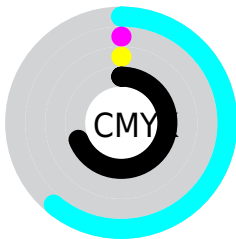
Distribution







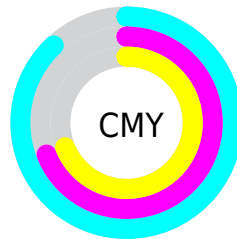
-  Red (12%)
-  Green (31%)
-  Blue (31%)






-  Red (12%)
-  Yellow (22%)
-  Blue (31%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (88%)
-  Magenta (69%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F5050 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 1F5050 by changing the saturation by 10% instead.

 1F5050

 1F5050

FFFFFF

 013939

 518181

 002324

 6B9C9B

 00070F

 85B7B6

 000000

 A0D2D2

 BCEFEE

 D8FFFF

 F5FFFF

 1F5050

 1F5050

■ 175050

■ 275050

■ 0F5050

■ 2F5050

■ 075050

■ 375050

■ 005050

■ 3F5050

■ 475050

■ 4F5050

■ 575050

■ 5F5050

■ 675050

Harmonies

Analogous

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



2C5042



1F5050



1F4F5C

Triad

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



1F5050



54435B



57462F

Complementary

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



1F5050



501F1F

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.



604236



1F5050



5F3F4F

Square

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



1F5050



424762



633F42



4A4A2F

Rectangle

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



1F5050



284D61



633F42



5B4431

Sweetspot

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



1F5050



566969



1F501F



2A3636



B5B5B5



363636

Same Dimension

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



1F5050



1B6969



1F3850



252929



006969



00E8E8

Inverse Universe

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



501F50



691B69



50381F



292529



690069



E800E8

Previews

White Background



This preview shows how the Hex color 1F5050 looks on a white background.

Color Contrast Check

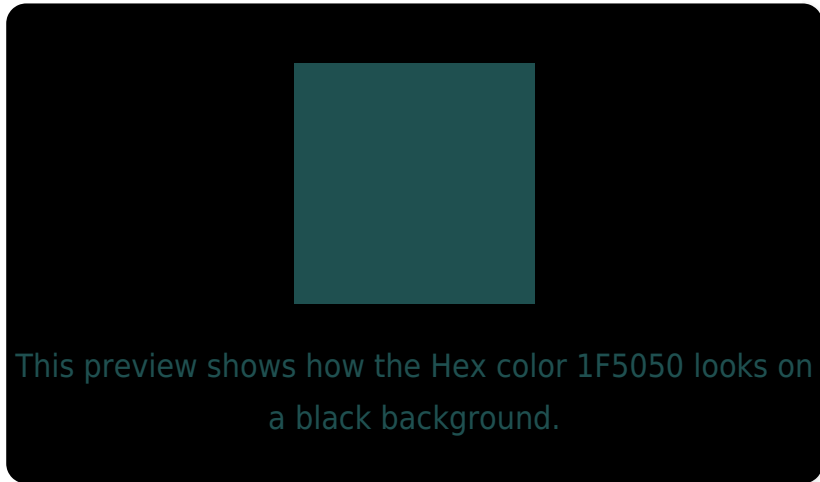
Large Text (above 18pt) WCAG AA ✓ Pass

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

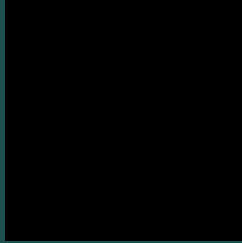
Any Text WCAG AA × Fail

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 1F5050 Background



This preview shows how black text looks on a background with the Hex color 1F5050.



This preview shows how white text looks on a background with the Hex color 1F5050.

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
1F5050

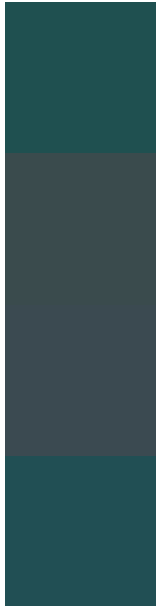
Protanopia
49484B

Deuteranopia
4B4752



Tritanopia
224F56

Trichromacy



Original Color
1F5050

Protanomaly
3A4B4D

Deuteranomaly
3B4A51

Tritanomaly
214F54

Monochromacy



Original Color
1F5050

Achromatopsia
414141

Achromatomaly
354646

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F5050 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 #1F5050 looks like.

```
.text, #text, p{  
    color:#1F5050  
}
```

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 #1F5050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5050
}
```

Border

The CSS property to change the border of an element to Hex 1F5050 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
#1F5050 }
```

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

```
.border{ border-color:#1F5050 }
```

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

Here you see how a box with a 4 pixel #1F5050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5050; -webkit-box-shadow:4px 4px  
4px 4px #1F5050; box-shadow:4px 4px 4px  
4px #1F5050 }
```

Background

The CSS property to change the background color of an element to Hex 1F5050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5050 }
```

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

```
.background{ background-color:#1F5050 }
```

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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