

Converting Colors

Hex(1F4B52)

Have a look what the booklet for
Hex(1F4B52) contains.

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Color

Hex(1F4B52)

Conversions

Conversions Part 1

Format	Color
Hex	1F4B52
RGB	31, 75, 82
RGB Percent	12%, 29%, 32%
CMY	0.8784, 0.7059, 0.6784
CMYK	0.62, 0.09, 0.00, 0.68
HSL	188°, 45%, 22%
HSV	188°, 62%, 32%
XYZ	4.6041, 5.9327, 8.8851
YIQ	62.6420, -28.4710, -7.1510

Conversions

Conversions Part 2

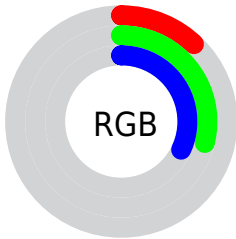
Format	Color
R_{YB}	31, 55, 82
Decimal	2050898
CIE _{Lab}	29.24, -12.74, -8.75
CIE _{LCh}	29, 15.454, 214.464
Yxy	5.9327, 0.2371, 0.3055
Android (android.graphics.Color)	4280240978 (0xFF1F4B52)
YUV	62.6420, 9.5435, -27.7500
Hunter-Lab	24.3570, -8.8835, -4.5782

Details

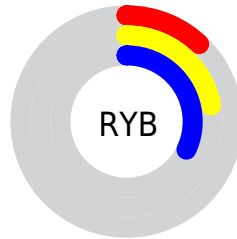
The Hex color **1F4B52** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **52261F**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **517C83**, and **001F25** is the 20% darker color. If you saturate the color by 10%, you get **174A52**, and if you desaturate by 10%, it is **274C52**.

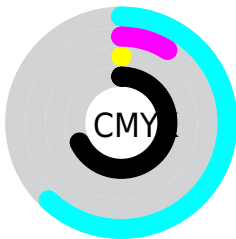
Distribution



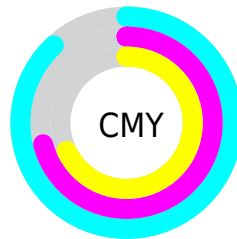
- Red (12%)
- Green (29%)
- Blue (32%)



- Red (12%)
- Yellow (22%)
- Blue (32%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (68%)



- Cyan (88%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4B52 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 1F4B52 by changing the saturation by 10% instead.

■ 1F4B52

■ 1F4B52

FFFFFF

■ 02343B

■ 517C83

■ 001F25

■ 6B969D

■ 000111

■ 85B1B8

■ 000000

■ 9FCCD4

■ BBE8F0

■ D7FFFF

■ F4FFFF

■ 1F4B52

■ 1F4B52

■ 174A52

■ 274C52

■ 0F4952

■ 2F4D52

■ 064852

■ 384E52

■ 004752

■ 405052

■ 485152

■ 505252

■ 585352

■ 615452

■ 695552

Harmonies

Analogous

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



244C46



1F4B52



27495A

Triad

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



1F4B52



563E4F



4C452D

Complementary

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



1F4B52



52261F

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.



564130



1F4B52



5C3C44

Square

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



1F4B52



494159



5C3D38



3F4831

Rectangle

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



1F4B52



32475C



5C3D38



4F432D

Sweetspot

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



1F4B52



57686B



1F5226



293436



B5B5B5



363636

Same Dimension

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



1F4B52



1B606B



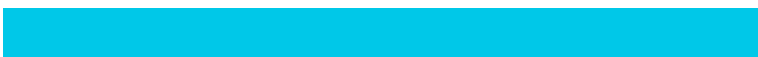
1F3252



252829



005A69



00C8E8

Inverse Universe

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



521F4B



6B1B60



523F1F



292528



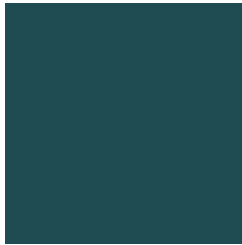
69005A



E800C8

Previews

White Background



This preview shows how the Hex color 1F4B52 looks on a white background.

Color Contrast Check

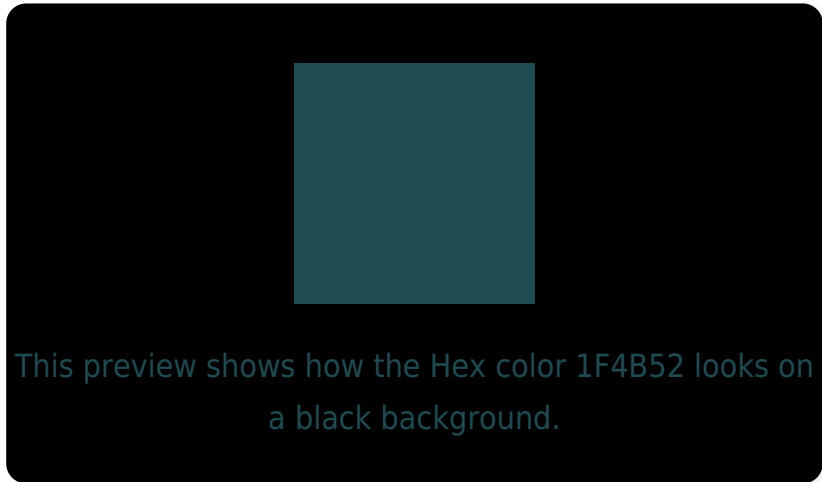
Large Text (above 18pt) WCAG AA ✓ Pass

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

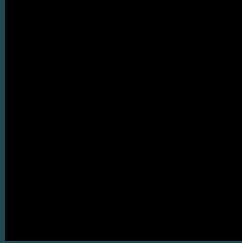
Any Text WCAG AA × Fail

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 1F4B52 Background



This preview shows how black text looks on a background with the Hex color 1F4B52.



This preview shows how white text looks on a background with the Hex color 1F4B52.

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
1F4B52

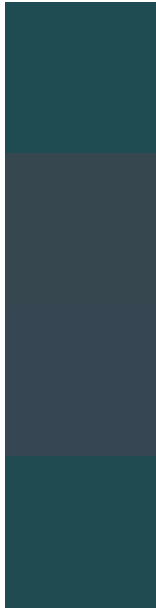
Protanopia
43444E

Deuteranopia
444354



Tritanopia
1F4B51

Trichromacy



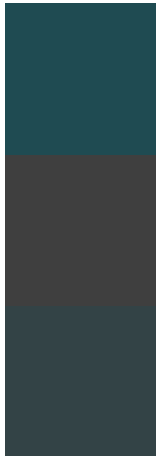
Original Color
1F4B52

Protanomaly
36474F

Deuteranomaly
374653

Tritanomaly
1F4B51

Monochromacy



Original Color
1F4B52

Achromatopsia
3F3F3F

Achromatomaly
334346

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4B52 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 #1F4B52 looks like.

```
.text, #text, p{  
    color:#1F4B52  
}
```

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 #1F4B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4B52
}
```

Border

The CSS property to change the border of an element to Hex 1F4B52 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
#1F4B52 }
```

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

```
.border{ border-color:#1F4B52 }
```

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

Here you see how a box with a 4 pixel #1F4B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4B52; -webkit-box-shadow:4px 4px  
4px 4px #1F4B52; box-shadow:4px 4px 4px  
4px #1F4B52 }
```

Background

The CSS property to change the background color of an element to Hex 1F4B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4B52 }
```

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

```
.background{ background-color:#1F4B52 }
```

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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