

Converting Colors

Hex(1F7454)

Have a look what the booklet for
Hex(1F7454) contains.

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Color

Hex(1F7454)

Conversions

Conversions Part 1

Format	Color
Hex	1F7454
RGB	31, 116, 84
RGB Percent	12%, 45%, 33%
CMY	0.8784, 0.5451, 0.6706
CMYK	0.73, 0.00, 0.28, 0.55
HSL	157°, 58%, 29%
HSV	157°, 73%, 45%
XYZ	8.4107, 13.4222, 10.5350
YIQ	86.9370, -40.3880, -27.9720

Conversions

Conversions Part 2

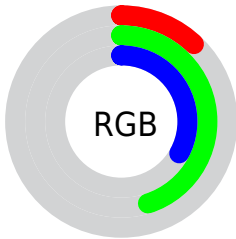
Format	Color
R_{YB}	31, 83, 116
Decimal	2061396
CIE _{Lab}	43.39, -33.19, 10.58
CIE _{LCh}	43, 34.839, 162.314
Yxy	13.4222, 0.2598, 0.4147
Android (android.graphics.Color)	4280251476 (0xFF1F7454)
YUV	86.9370, -1.4479, -49.0567
Hunter-Lab	36.6363, -23.1348, 8.5963

Details

The Hex color **1F7454** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **741F3F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **58A986**, and **004327** is the 20% darker color. If you saturate the color by 10%, you get **137450**, and if you desaturate by 10%, it is **2B7458**.

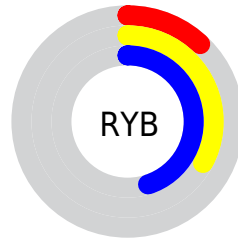
Distribution



Red (12%)

Green (45%)

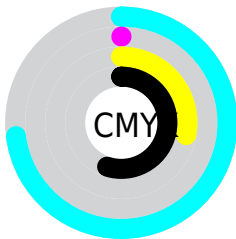
Blue (33%)



Red (12%)

Yellow (33%)

Blue (45%)

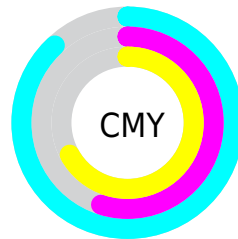


Cyan (73%)

Magenta (0%)

Yellow (28%)

Black (55%)



Cyan (88%)

Magenta (55%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F7454 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 1F7454 by changing the saturation by 10% instead.

■ 1F7454

■ 1F7454

FFFFFF

■ 005B3D

■ 58A986

■ 004327

■ 73C4A0

■ 002C12

■ 8EE0BB

■ 001400

■ AAFDD7

■ 000000

■ C7FFF3

■ E3FFFF

■ 1F7454

■ 1F7454

■ 137450

■ 2B7458

08744B

36745D

007448

427461

4D7465

59746A

65746E

707473

7C7477

87747B

Harmonies

Analogous

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



4C703A



1F7454



007572

Triad

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



1F7454



4C659F



975541

Complementary

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



1F7454



741F3F

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.



9D4E5C



1F7454



785A91

Square

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



1F7454



006E9D



935179



865F2F

Rectangle

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



1F7454



007484



935179



9B5249

Sweetspot

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



1F7454



75968A



40741F



394D45



CCCCCC



4D4D4D

Same Dimension

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



1F7454



129665



1F6A74



353B38



007A4C



00FA9C

Inverse Universe

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



741F3F



961244



74291F



3B3537



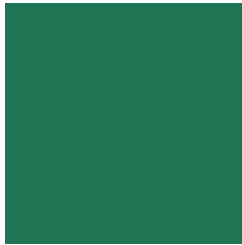
7A002E



FA005E

Previews

White Background



This preview shows how the Hex color 1F7454 looks on a white background.

Color Contrast Check

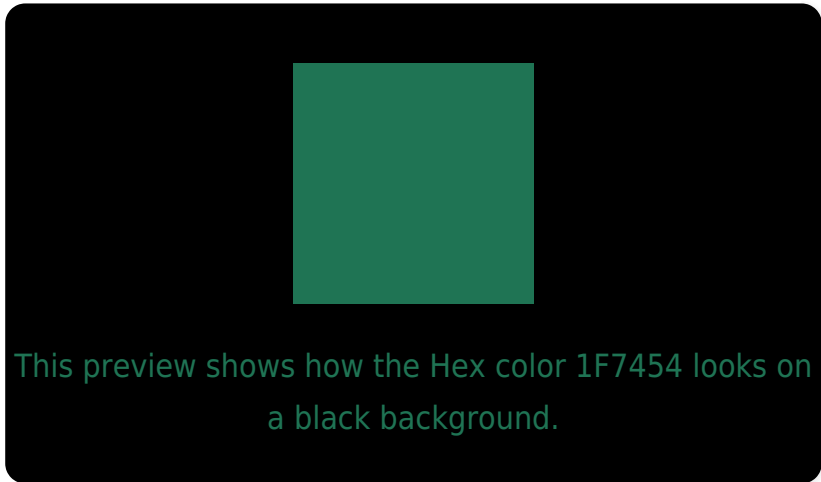
Large Text (above 18pt) WCAG AA ✓ Pass

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 1F7454 Background



This preview shows how black text looks on a background with the Hex color 1F7454.



This preview shows how white text looks on a background with the Hex color 1F7454.

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
1F7454

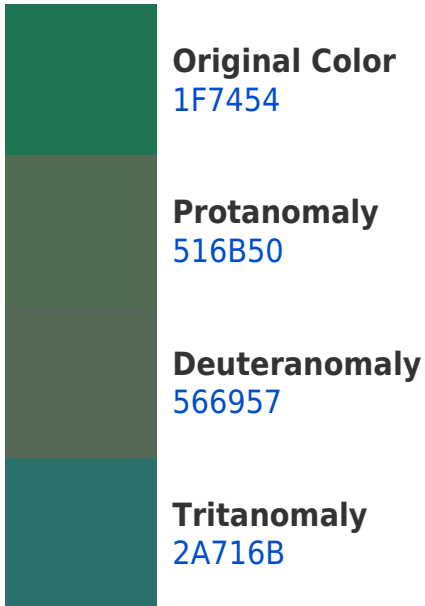
Protanopia
6D664D

Deuteranopia
756258

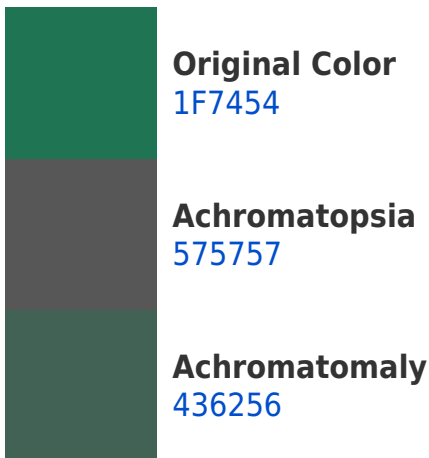


Tritanopia
306F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1F7454 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 #1F7454 looks like.

```
.text, #text, p{  
    color:#1F7454  
}
```

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 #1F7454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7454
}
```

Border

The CSS property to change the border of an element to Hex 1F7454 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
#1F7454 }
```

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

```
.border{ border-color:#1F7454 }
```

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

Here you see how a box with a 4 pixel #1F7454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7454; -webkit-box-shadow:4px 4px  
4px 4px #1F7454; box-shadow:4px 4px 4px  
4px #1F7454 }
```

Background

The CSS property to change the background color of an element to Hex 1F7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7454 }
```

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

```
.background{ background-color:#1F7454 }
```

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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