

Converting Colors

Hex(1F4729)

Have a look what the booklet for
Hex(1F4729) contains.

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Color

Hex(1F4729)

Conversions

Conversions Part 1

Format	Color
Hex	1F4729
RGB	31, 71, 41
RGB Percent	12%, 28%, 16%
CMY	0.8784, 0.7216, 0.8392
CMYK	0.56, 0.00, 0.42, 0.72
HSL	135°, 39%, 20%
HSV	135°, 56%, 28%
XYZ	3.2186, 4.9579, 2.8852
YIQ	55.6200, -14.2100, -17.8100

Conversions

Conversions Part 2

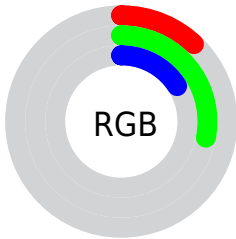
Format	Color
R_{YB}	31, 63, 71
Decimal	2049833
CIE _{Lab}	26.61, -21.92, 13.85
CIE _{LCh}	27, 25.928, 147.719
Yxy	4.9579, 0.2910, 0.4482
Android (android.graphics.Color)	4280239913 (0xFF1F4729)
YUV	55.6200, -7.2077, -21.5917
Hunter-Lab	22.2663, -13.1642, 7.9039

Details

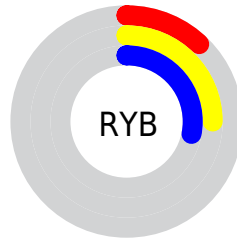
The Hex color **1F4729** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **471F3D**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **4F7857**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **184724**, and if you desaturate by 10%, it is **26472E**.

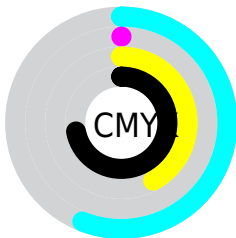
Distribution



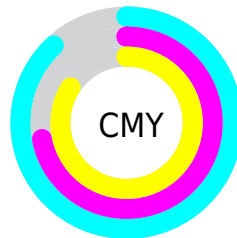
- Red (12%)
- Green (28%)
- Blue (16%)



- Red (12%)
- Yellow (25%)
- Blue (28%)



- Cyan (56%)
- Magenta (0%)
- Yellow (42%)
- Black (72%)



- Cyan (88%)
- Magenta (72%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F4729 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 1F4729 by changing the saturation by 10% instead.



1F4729



1F4729

FFFFFF



063014



4F7857



001D00



67926F



000000



81AC88



9CC8A3



B7E4BE



D3FFDA



FFFFFF6



1F4729



1F4729

■ 184724

■ 26472E

■ 11471E

■ 2D4734

■ 0A4719

■ 344739

■ 034714

■ 3B473E

■ 004712

■ 434744

■ 4A4749

■ 51474E

■ 584754

■ 5F4759

Harmonies

Analogous

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



38431A



1F4729



00493D

Triad

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



1F4729



154166



63302E

Complementary

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



1F4729



471F3D

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.



622E41



1F4729



3E3A62

Square

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



1F4729



004660



563354



5B361E

Rectangle

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



1F4729



00494A



563354



642F34

Sweetspot

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



1F4729



4C5C50



3D471F



252E27



ADADAD



2E2E2E

Same Dimension

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



1F4729



1D5C2D



1F473D



202421



006319



00E339

Inverse Universe

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



471F3D



5C1D4C



471F29



242023



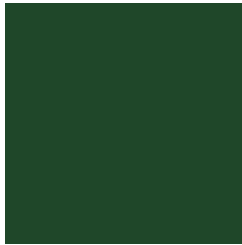
63004B



E300AA

Previews

White Background



This preview shows how the Hex color 1F4729 looks on a white background.

Color Contrast Check

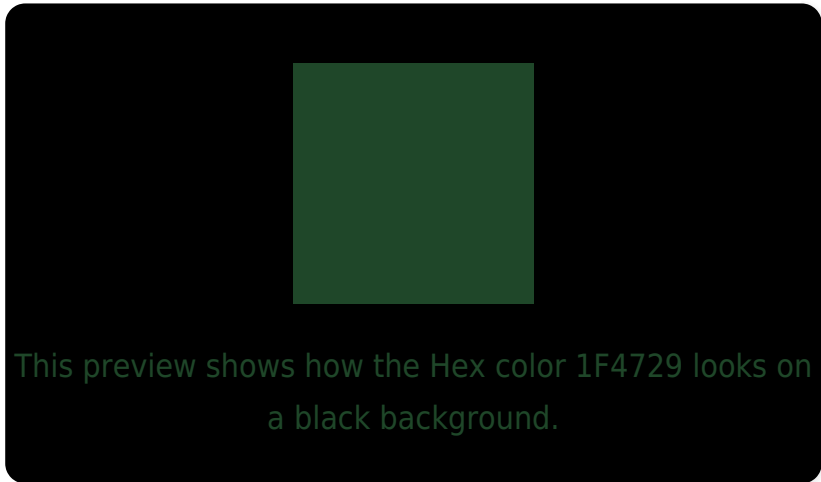
Large Text (above 18pt) WCAG AA ✓ Pass

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

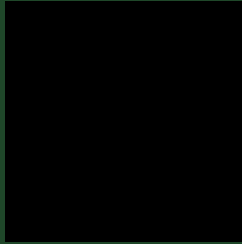
Any Text WCAG AA × Fail

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 1F4729 Background



This preview shows how black text looks on a background with the Hex color 1F4729.



This preview shows how white text looks on a background with the Hex color 1F4729.

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](#).

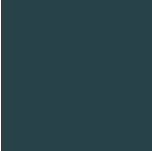
Dichromacy



Original Color
1F4729

Protanopia
453F26

Deuteranopia
4B3C2C



Tritanopia
274349

Trichromacy



Original Color
1F4729

Protanomaly
374227

Deuteranomaly
3B402B

Tritanomaly
24443D

Monochromacy



Original Color
1F4729

Achromatopsia
383838

Achromatomaly
2F3D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F4729 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 #1F4729 looks like.

```
.text, #text, p{  
    color:#1F4729  
}
```

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 #1F4729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F4729
}
```

Border

The CSS property to change the border of an element to Hex 1F4729 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
#1F4729 }
```

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

```
.border{ border-color:#1F4729 }
```

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

Here you see how a box with a 4 pixel #1F4729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F4729; -webkit-box-shadow:4px 4px  
4px 4px #1F4729; box-shadow:4px 4px 4px  
4px #1F4729 }
```

Background

The CSS property to change the background color of an element to Hex 1F4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F4729 }
```

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

```
.background{ background-color:#1F4729 }
```

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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