

Converting Colors

Hex(15281F)

Have a look what the booklet for
Hex(15281F) contains.

Hex(15281F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(15281F)

Conversions

Conversions Part 1

Format	Color
Hex	15281F
RGB	21, 40, 31
RGB Percent	8%, 16%, 12%
CMY	0.9176, 0.8431, 0.8784
CMYK	0.47, 0.00, 0.22, 0.84
HSL	152°, 31%, 12%
HSV	152°, 48%, 16%
XYZ	1.3154, 1.7759, 1.5698
YIQ	33.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

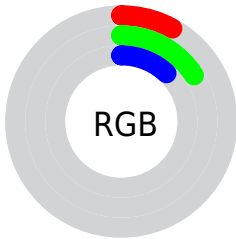
Format	Color
R_{YB}	21, 33, 40
Decimal	1386527
CIE _{Lab}	14.26, -10.41, 3.50
CIE _{LCh}	14, 10.981, 161.395
Yxy	1.7759, 0.2822, 0.3810
Android (android.graphics.Color)	4279576607 (0xFF15281F)
YUV	33.2930, -1.1304, -10.7810
Hunter-Lab	13.3264, -5.7026, 2.3445

Details

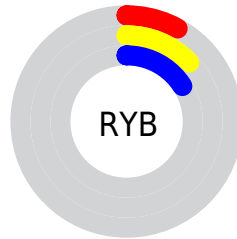
The Hex color **15281F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **28151E**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **41554B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **11281D**, and if you desaturate by 10%, it is **192821**.

Distribution



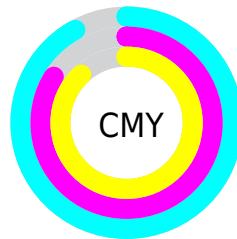
- Red (8%)
- Green (16%)
- Blue (12%)



- Red (8%)
- Yellow (13%)
- Blue (16%)



- Cyan (47%)
- Magenta (0%)
- Yellow (22%)
- Black (84%)




- Cyan (92%)
- Magenta (84%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15281F 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 15281F by changing the saturation by 10% instead.

 15281F

 15281F

 F8FFFF

 001407

 41554B

 000000

 586E63

 71877B

 8AA195

 A5BCB0

 C0D8CB

 DCF4E7

 15281F

 15281F

■ 11281D

■ 192821

■ 0D281B

■ 1D2823

■ 092819

■ 212825

■ 052817

■ 252827

■ 012816

■ 292828

■ 002815

■ 2D282A

■ 31282C

■ 35282E

■ 392830

Harmonies

Analogous

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



1E2718



15281F



0D2827

Triad

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



15281F



1E2433



32201A

Complementary

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



15281F



28151E

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.



331E21



15281F



292130

Square

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



15281F



132633



301F29



2E2216

Rectangle

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



15281F



0B282C



301F29



331F1D

Sweetspot

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



15281F



2C3330



1E2815



151A17



999999



1A1A1A

Same Dimension

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



15281F



163325



152828



121413



00542C



00D46F

Inverse Universe

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



28151E



331624



281515



141213



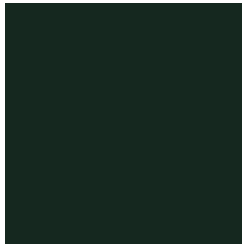
540028



D40064

Previews

White Background



This preview shows how the Hex color 15281F looks on a white background.

Color Contrast Check

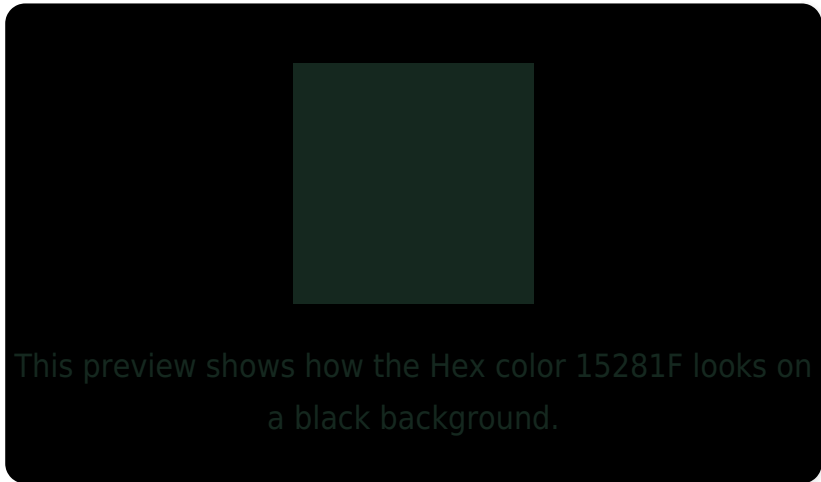
Large Text (above 18pt) WCAG AA ✓ Pass

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

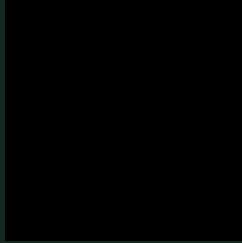
Any Text WCAG AA × Fail

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 15281F Background



This preview shows how black text looks on a background with the Hex color 15281F.



This preview shows how white text looks on a background with the Hex color 15281F.

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
15281F

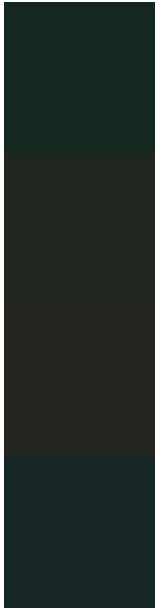
Protanopia
26241D

Deuteranopia
292320



Tritanopia
18272A

Trichromacy



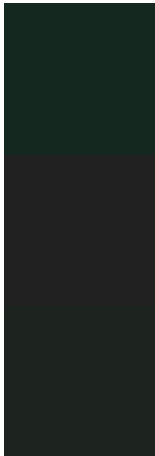
Original Color
15281F

Protanomaly
20251E

Deuteranomaly
222520

Tritanomaly
172726

Monochromacy



Original Color
15281F

Achromatopsia
212121

Achromatomaly
1D2420

CSS Examples

Text

The CSS property to change the color of the text to Hex 15281F 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 #15281F looks like.

```
.text, #text, p{  
    color:#15281F  
}
```

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 #15281F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15281F
}
```

Border

The CSS property to change the border of an element to Hex 15281F is called "border". The border property can be set on classes, ids or directly on the HTML element.

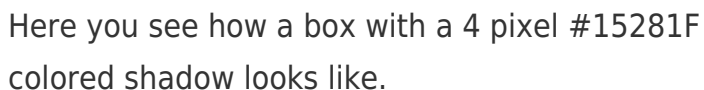
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#15281F }
```

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

```
.border{ border-color:#15281F }
```

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



Here you see how a box with a 4 pixel #15281F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15281F; -webkit-box-shadow:4px 4px  
4px 4px #15281F; box-shadow:4px 4px 4px  
4px #15281F }
```

Background

The CSS property to change the background color of an element to Hex 15281F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15281F }
```

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

```
.background{ background-color:#15281F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor