

Converting Colors

Hex(1F821D)

Have a look what the booklet for
Hex(1F821D) contains.

Hex(1F821D)	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(1F821D)

Conversions

Conversions Part 1

Format	Color
Hex	1F821D
RGB	31, 130, 29
RGB Percent	12%, 51%, 11%
CMY	0.8784, 0.4902, 0.8863
CMYK	0.76, 0.00, 0.78, 0.49
HSL	119°, 64%, 31%
HSV	119°, 78%, 51%
XYZ	8.7695, 16.3453, 3.8552
YIQ	88.8850, -26.5830, -52.3990

Conversions

Conversions Part 2

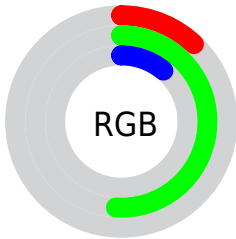
Format	Color
R_{YB}	29, 130, 128
Decimal	2064925
CIE _{Lab}	47.42, -47.45, 43.68
CIE _{LCh}	47, 64.490, 137.368
Yxy	16.3453, 0.3027, 0.5642
Android (android.graphics.Color)	4280255005 (0xFF1F821D)
YUV	88.8850, -29.5233, -50.7651
Hunter-Lab	40.4293, -32.0330, 22.6469

Details

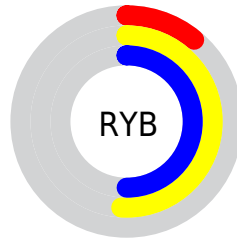
The Hex color **1F821D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **801D82**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5DB851**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **128210**, and if you desaturate by 10%, it is **2C822A**.

Distribution



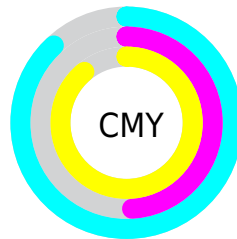
- Red (12%)
- Green (51%)
- Blue (11%)



- Red (11%)
- Yellow (51%)
- Blue (50%)



- Cyan (76%)
- Magenta (0%)
- Yellow (78%)
- Black (49%)



- Cyan (88%)
- Magenta (49%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F821D 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 1F821D by changing the saturation by 10% instead.

 1F821D

 1F821D

FFFFFF

 006800

 5DB851

 004F00

 79D46A

 003700

 95F185

 002100

 B2FFA0

 000000

 CFFFBB

 ECFFD7

 FFFFF4

 1F821D

 1F821D

■ 128210

■ 2C822A

■ 068203

■ 388237

■ 038200

■ 458244

■ 528251

■ 5F825E

■ 6B826B

■ 788278

■ 858285

■ 928292

Harmonies

Analogous

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



6B7800



1F821D



008757

Triad

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



1F821D



007EDB



CF3454

Complementary

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



1F821D



801D82

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.



C5368A



1F821D



2E6CD9

Square

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



1F821D



0086C0



9952BB



BF4C20

Rectangle

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



1F821D



00887D



9952BB



CF3065

Sweetspot

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



1F821D



82A882



827F1D



3D543D



D4D4D4



545454

Same Dimension

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



1F821D



0FA80C



1D824C



3A4039



038000



000000

Inverse Universe

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



801D82



A50CA8



821D53



403940



7D0080



000000

Previews

White Background



This preview shows how the Hex color 1F821D looks on a white background.

Color Contrast Check

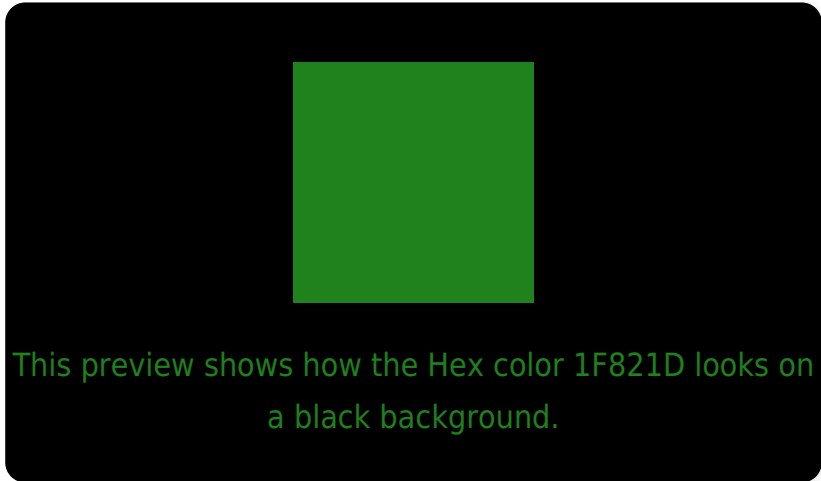
Large Text (above 18pt) WCAG AA ✓ Pass

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

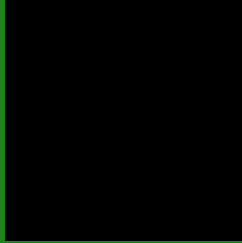
Any Text WCAG AA × Fail

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 1F821D Background



This preview shows how black text looks on a background with the Hex color 1F821D.



This preview shows how white text looks on a background with the Hex color 1F821D.

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
1F821D

Protanopia
7E7018

Deuteranopia
8C6A27



Tritanopia
3D7983

Trichromacy



Original Color
1F821D



Protanomaly
5B771A



Deuteranomaly
647323



Tritanomaly
327C5E

Monochromacy



Original Color
1F821D



Achromatopsia
595959



Achromatomaly
446843

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F821D 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 #1F821D looks like.

```
.text, #text, p{  
    color:#1F821D  
}
```

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 #1F821D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F821D
}
```

Border

The CSS property to change the border of an element to Hex 1F821D 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
#1F821D }
```

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

```
.border{ border-color:#1F821D }
```

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

Here you see how a box with a 4 pixel #1F821D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F821D; -webkit-box-shadow:4px 4px  
4px 4px #1F821D; box-shadow:4px 4px 4px  
4px #1F821D }
```

Background

The CSS property to change the background color of an element to Hex 1F821D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F821D }
```

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

```
.background{ background-color:#1F821D }
```

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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