

# Converting Colors

Hex(1F5226)

Have a look what the booklet for  
Hex(1F5226) contains.

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# Color

**Hex(1F5226)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F5226
RGB	31, 82, 38
RGB Percent	12%, 32%, 15%
CMY	0.8784, 0.6784, 0.8510
CMYK	0.62, 0.00, 0.54, 0.68
HSL	128°, 45%, 22%
HSV	128°, 62%, 32%
XYZ	3.9322, 6.4658, 2.8745
YIQ	61.7350, -16.2720, -24.4960

# Conversions

## Conversions Part 2

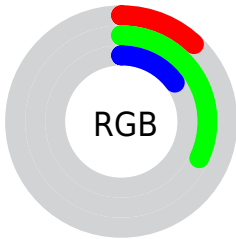
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 76, 82
Decimal	2052646
CIE <sub>Lab</sub>	30.56, -27.75, 20.72
CIE <sub>LCh</sub>	31, 34.636, 143.255
Yxy	6.4658, 0.2963, 0.4872
Android (android.graphics.Color)	4280242726 (0xFF1F5226)
YUV	61.7350, -11.7014, -26.9546
Hunter-Lab	25.4280, -16.8955, 11.0972

# Details

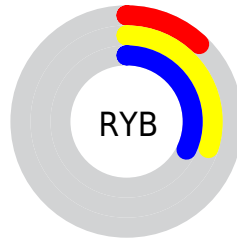
The Hex color **1F5226** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **521F4B**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **518454**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **17521F**, and if you desaturate by 10%, it is **27522D**.

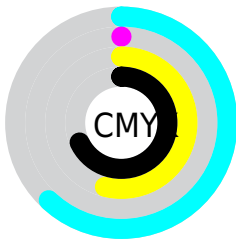
# Distribution



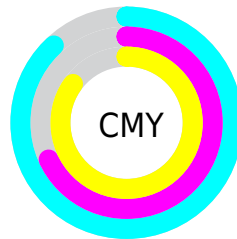
- Red (12%)
- Green (32%)
- Blue (15%)



- Red (12%)
- Yellow (30%)
- Blue (32%)



- Cyan (62%)
- Magenta (0%)
- Yellow (54%)
- Black (68%)



- Cyan (88%)
- Magenta (68%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F5226 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 1F5226 by changing the saturation by 10% instead.



 1F5226

 1F5226

FFFFFF

 023B11

 518454

 002500

 6A9E6C

 000400

 84B986

 000000

 9FD5A0

 BBF2BB

 D7FFD7

 F4FFF4

 1F5226

 1F5226

■ 17521F

■ 27522D

■ 0F5218

■ 2F5234

■ 065211

■ 38523B

■ 00520B

■ 405242

■ 485249

■ 505250

■ 585258

■ 61525F

■ 695266

# Harmonies

## Analogous

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



424D12



1F5226



005541

# Triad

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



1F5226



004D7E



793134

# Complementary

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



1F5226



521F4B

# 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.



762F4F



1F5226



3E437A

# Square

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



1F5226



005373



633869



6F3A1D

# Rectangle

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



1F5226



005553



633869



792F3D



# Sweetspot

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



1F5226



576B5A



4B521F



29362B



B5B5B5



363636



# Same Dimension

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



1F5226



1B6B26



1F523F



252925



00690E



00E820



# Inverse Universe

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



521F4B



6B1B60



521F32



292528



69005A

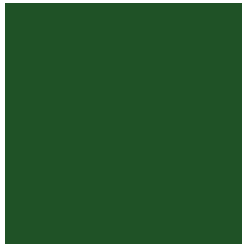


E800C8



# Previews

## White Background



This preview shows how the Hex color 1F5226 looks on a white background.

## Color Contrast Check

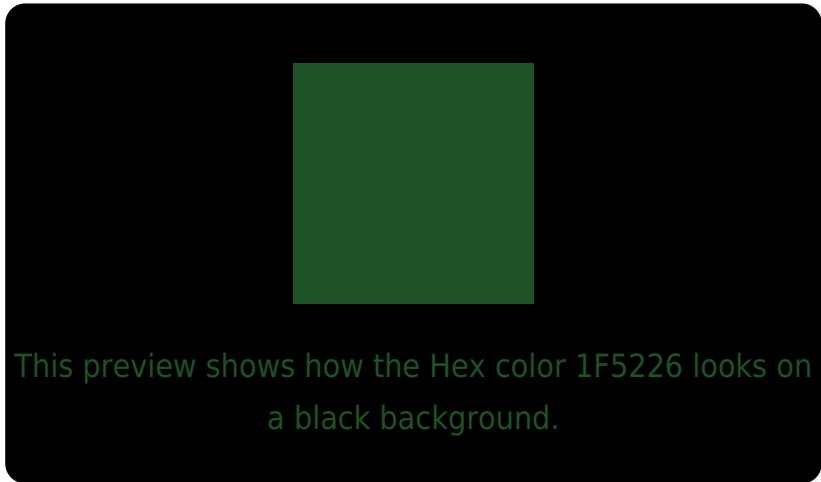
Large Text (above 18pt) WCAG AA ✓ Pass

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

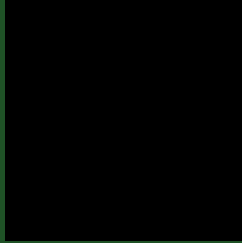
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1F5226 Background



This preview shows how black text looks on a background with the Hex color 1F5226.



This preview shows how white text looks on a background with the Hex color 1F5226.

# 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**  
1F5226

**Protanopia**  
4F4823

**Deuteranopia**  
57442A



**Tritanopia**  
2B4D53

# Trichromacy



**Original Color**  
1F5226

**Protanomaly**  
3E4C24

**Deuteranomaly**  
434929

**Tritanomaly**  
274F43

# Monochromacy



**Original Color**  
1F5226

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
334535

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F5226 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 #1F5226 looks like.

```
.text, #text, p{  
    color:#1F5226  
}
```

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 #1F5226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5226
}
```

## Border

The CSS property to change the border of an element to Hex 1F5226 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
#1F5226 }
```

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

```
.border{ border-color:#1F5226 }
```

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

Here you see how a box with a 4 pixel #1F5226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5226; -webkit-box-shadow:4px 4px  
4px 4px #1F5226; box-shadow:4px 4px 4px  
4px #1F5226 }
```

# Background

The CSS property to change the background color of an element to Hex 1F5226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5226 }
```

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

```
.background{ background-color:#1F5226 }
```

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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