

Converting Colors

Hex(25131F)

Have a look what the booklet for
Hex(25131F) contains.

Hex(25131F)	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(25131F)

Conversions

Conversions Part 1

Format	Color
Hex	25131F
RGB	37, 19, 31
RGB Percent	15%, 7%, 12%
CMY	0.8549, 0.9255, 0.8784
CMYK	0.00, 0.49, 0.16, 0.85
HSL	320°, 32%, 11%
HSV	320°, 49%, 15%
XYZ	1.2431, 0.9580, 1.4157
YIQ	25.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

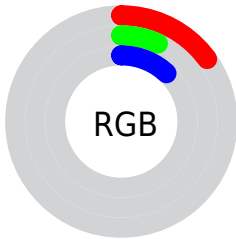
Format	Color
RYB	37, 19, 31
Decimal	2429727
CIELab	8.64, 11.61, -4.55
CIELCh	9, 12.474, 338.594
Yxy	0.9580, 0.3437, 0.2649
Android (android.graphics.Color)	4280619807 (0xFF25131F)
YUV	25.7500, 2.5883, 9.8663
Hunter-Lab	9.7877, 5.5430, -1.7245

Details

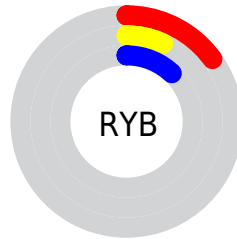
The Hex color **25131F** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **132519**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **523D4B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **250F1E**, and if you desaturate by 10%, it is **251720**.

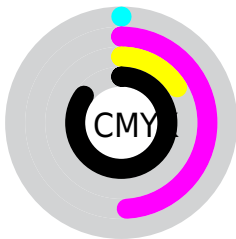
Distribution



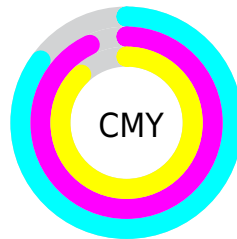
- Red (15%)
- Green (7%)
- Blue (12%)



- Red (15%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (49%)
- Yellow (16%)
- Black (85%)



- Cyan (85%)
- Magenta (93%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25131F 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 25131F by changing the saturation by 10% instead.

■ 25131F

■ 25131F

■ FFF4FF

■ 0C0006

■ 523D4B

■ 000000

■ 6B5563

■ 846D7B

■ 9E8695

■ B9A1B0

■ D5BCCB

■ F1D7E7

■ 25131F

■ 25131F

■ 250F1E

■ 251720

■ 250C1D

■ 251A21

■ 25081B

■ 251E23

■ 25041A

■ 252224

■ 250119

■ 252625

■ 250019

■ 252926

■ 252D28

■ 253129

■ 25342A

Harmonies

Analogous

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



1D1626



25131F



291217

Triad

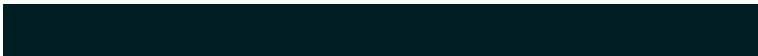
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25131F



1D1901



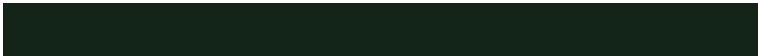
001D23

Complementary

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



25131F



132519

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.



001D1B



25131F



141B07

Square

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



25131F



241603



061D12



011B28

Rectangle

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



25131F



291310



061D12



001D20

Sweetspot

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



25131F



30292E



191325



1A1518



999999



1A1A1A

Same Dimension

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



25131F



301427



251316



121011



520036



D1008B

Inverse Universe

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



25131F



301427



132522



121011



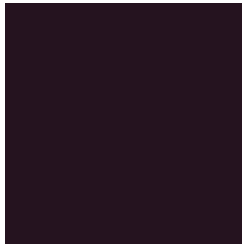
520036



D1008B

Previews

White Background



This preview shows how the Hex color 25131F 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

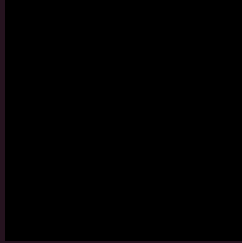
Any Text WCAG AA × Fail

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 25131F Background



This preview shows how black text looks on a background with the Hex color 25131F.



This preview shows how white text looks on a background with the Hex color 25131F.

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
25131F

Protanopia
161923

Deuteranopia
19191E



Tritanopia
241516

Trichromacy



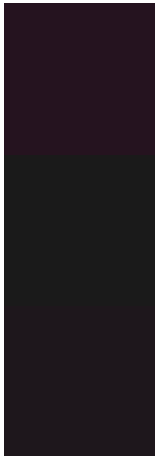
Original Color
25131F

Protanomaly
1B1722

Deuteranomaly
1D171E

Tritanomaly
241419

Monochromacy



Original Color
25131F

Achromatopsia
1A1A1A

Achromatomaly
1E171C

CSS Examples

Text

The CSS property to change the color of the text to Hex 25131F 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 #25131F looks like.

```
.text, #text, p{  
    color:#25131F  
}
```

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 #25131F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25131F
}
```

Border

The CSS property to change the border of an element to Hex 25131F is called "border". The border property can be set on classes, ids or directly on the HTML element.

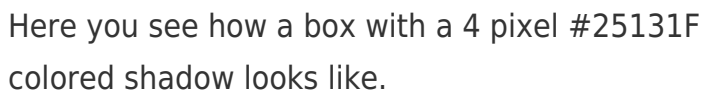
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25131F }
```

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

```
.border{ border-color:#25131F }
```

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



Here you see how a box with a 4 pixel #25131F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25131F; -webkit-box-shadow:4px 4px  
4px 4px #25131F; box-shadow:4px 4px 4px  
4px #25131F }
```

Background

The CSS property to change the background color of an element to Hex 25131F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25131F }
```

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

```
.background{ background-color:#25131F }
```

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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