

Converting Colors

Hex(25171D)

Have a look what the booklet for
Hex(25171D) contains.

Hex(25171D)	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(25171D)

Conversions

Conversions Part 1

Format	Color
Hex	25171D
RGB	37, 23, 29
RGB Percent	15%, 9%, 11%
CMY	0.8549, 0.9098, 0.8863
CMYK	0.00, 0.38, 0.22, 0.85
HSL	334°, 23%, 12%
HSV	334°, 38%, 15%
XYZ	1.2911, 1.0948, 1.3057
YIQ	27.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

Format	Color
R_{YB}	37, 23, 29
Decimal	2430749
CIE Lab	9.76, 8.28, -1.37
CIE LCh	10, 8.390, 350.615
Yxy	1.0948, 0.3497, 0.2966
Android (android.graphics.Color)	4280620829 (0xFF25171D)
YUV	27.8700, 0.5571, 8.0070
Hunter-Lab	10.4633, 3.7150, -0.0742




Details

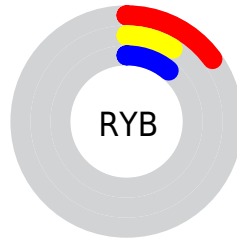
The Hex color **25171D** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **17251F**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **524248**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25131B**, and if you desaturate by 10%, it is **251B1F**.

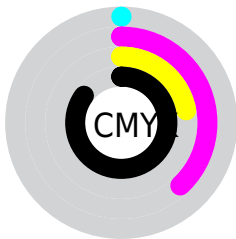
Distribution







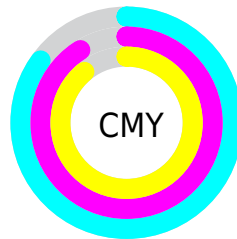
-  Red (15%)
-  Green (9%)
-  Blue (11%)






-  Red (15%)
-  Yellow (9%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (22%)
-  Black (85%)



-  Cyan (85%)
-  Magenta (91%)
-  Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25171D 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 25171D by changing the saturation by 10% instead.

■ 25171D

■ 25171D

■ FFF9FF

■ 100003

■ 524248

■ 000000

■ 6A5960

■ 847279

■ 9E8B93

■ B9A6AD

■ D4C1C8

■ F1DDE5

■ 25171D

■ 25171D

■ 25131B

■ 251B1F

■ 251019

■ 251E21

■ 250C17

■ 252223

■ 250815

■ 252625

■ 250512

■ 252A28

■ 250110

■ 252D2A

■ 250010

■ 25312C

■ 25352E

■ 253830

Harmonies

Analogous

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



201822



25171D



261717

Triad

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



25171D



1B1C0F



0B1D24

Complementary

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



25171D



17251F

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.



0A1E1F



25171D



151D13

Square

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



25171D



211A0F



0E1E19



111C26

Rectangle

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



25171D



261814



0E1E19



0A1E22

Sweetspot

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



25171D



302B2D



1F1725



1A1618



999999



1A1A1A

Same Dimension

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



25171D



301B24



251817



121011



520023



D1005A

Inverse Universe

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



25171D



301B24



172425



121011



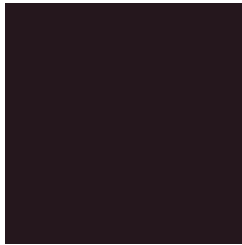
520023



D1005A

Previews

White Background



This preview shows how the Hex color 25171D looks on a white background.

Color Contrast Check

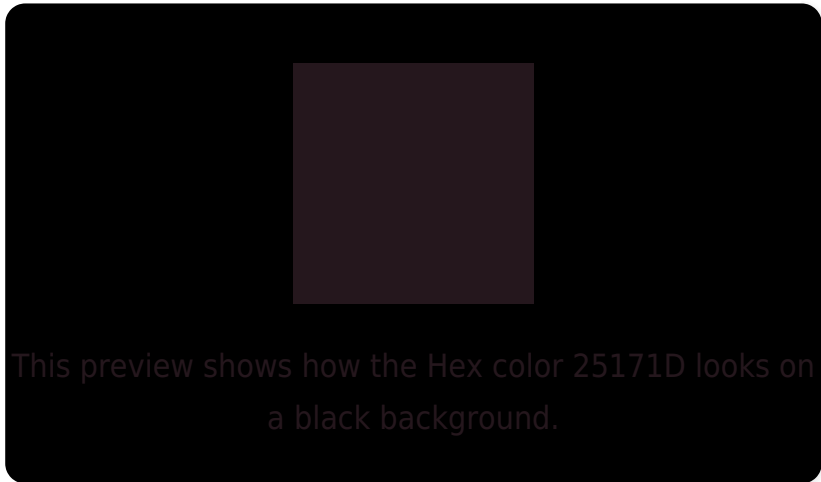
Large Text (above 18pt) WCAG AA ✓ Pass

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

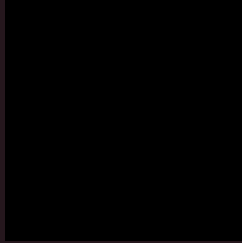
Any Text WCAG AA × Fail

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 25171D Background



This preview shows how black text looks on a background with the Hex color 25171D.

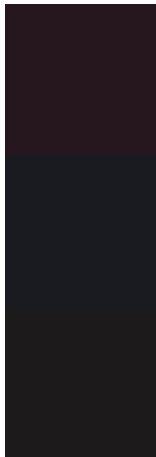


This preview shows how white text looks on a background with the Hex color 25171D.

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
25171D

Protanopia
1A1B20

Deuteranopia
1D1A1C



Tritanopia
251819

Trichromacy



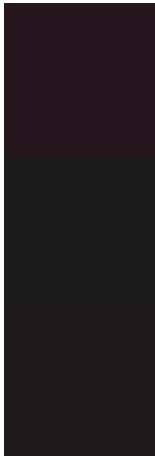
Original Color
25171D

Protanomaly
1E1A1F

Deuteranomaly
20191C

Tritanomaly
25181A

Monochromacy



Original Color
25171D

Achromatopsia
1C1C1C

Achromatomaly
1F1A1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 25171D 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 #25171D looks like.

```
.text, #text, p{  
    color:#25171D  
}
```

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 #25171D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25171D
}
```

Border

The CSS property to change the border of an element to Hex 25171D 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
#25171D }
```

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

```
.border{ border-color:#25171D }
```

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

Here you see how a box with a 4 pixel #25171D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25171D; -webkit-box-shadow:4px 4px  
4px 4px #25171D; box-shadow:4px 4px 4px  
4px #25171D }
```

Background

The CSS property to change the background color of an element to Hex 25171D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25171D }
```

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

```
.background{ background-color:#25171D }
```

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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