

Converting Colors

Hex(25231E)

Have a look what the booklet for
Hex(25231E) contains.

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Color

Hex(25231E)

Conversions

Conversions Part 1

Format	Color
Hex	25231E
RGB	37, 35, 30
RGB Percent	15%, 14%, 12%
CMY	0.8549, 0.8627, 0.8824
CMYK	0.00, 0.05, 0.19, 0.85
HSL	43°, 10%, 13%
HSV	43°, 19%, 15%
XYZ	1.5983, 1.6891, 1.4701
YIQ	35.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

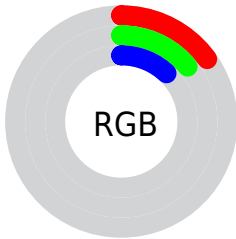
Format	Color
R_{YB}	33, 37, 30
Decimal	2433822
CIE _{Lab}	13.76, -0.19, 3.69
CIE _{LCh}	14, 3.697, 92.949
Yxy	1.6891, 0.3360, 0.3550
Android (android.graphics.Color)	4280623902 (0xFF25231E)
YUV	35.0280, -2.4788, 1.7294
Hunter-Lab	12.9966, -0.7921, 2.3911

Details

The Hex color **25231E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1E2025**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **524F4A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25221A**, and if you desaturate by 10%, it is **252422**.

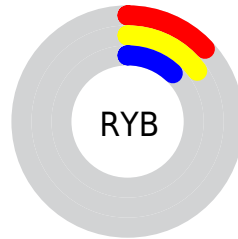
Distribution



Red (15%)

Green (14%)

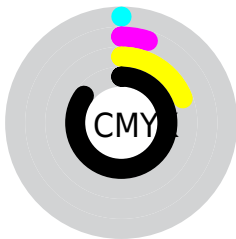
Blue (12%)



Red (13%)

Yellow (15%)

Blue (12%)

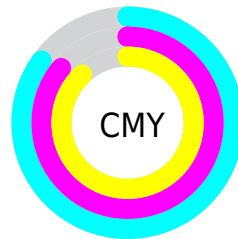


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (85%)



Cyan (85%)

Magenta (86%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25231E 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 25231E by changing the saturation by 10% instead.

■ 25231E

■ 25231E

FFFFFF

■ 100D05

■ 524F4A

■ 000000

■ 6A6761

■ 83807A

■ 9D9A94

■ B8B5AF

■ D4D1CA

■ F0EDE6

■ 25231E

■ 25231E

■ 25221A

■ 252422

■ 252117

■ 252525

■ 252013

■ 252629

■ 251F0F

■ 25272D

■ 251E0B

■ 252831

■ 251D08

■ 252934

■ 251C04

■ 252A38

■ 251B00

■ 252B3C

■ 251A00

■ 252D3F

Harmonies

Analogous

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



27221F



25231E



22241F

Triad

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



25231E



1D2526



272225

Complementary

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



25231E



1E2025

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.



242227



25231E



1E2428

Square

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



25231E



1D2523



212328



282123

Rectangle

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



25231E



202420



212328



262226

Sweetspot

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



25231E



30302E



251E20



1A1918



999999



1A1A1A

Same Dimension

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



25231E



302D25



24251E



121110



523A00



D19500

Inverse Universe

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



1E2025



252830



1F1E25



101112



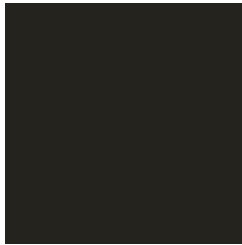
001752



003CD1

Previews

White Background



This preview shows how the Hex color 25231E looks on a white background.

Color Contrast Check

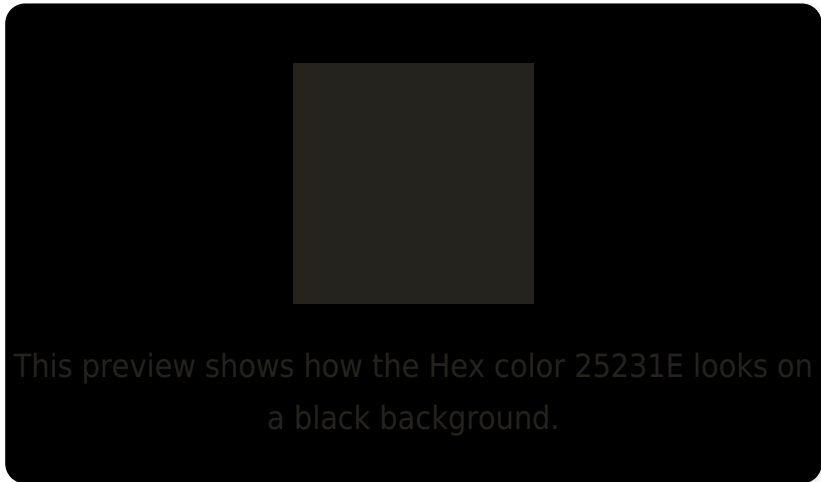
Large Text (above 18pt) WCAG AA ✓ Pass

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

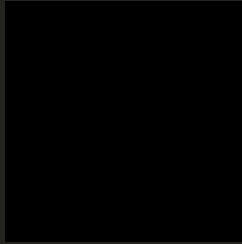
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

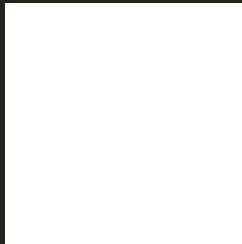
Any Text WCAG AAA × Fail

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

Hex 25231E Background



This preview shows how black text looks on a background with the Hex color 25231E.



This preview shows how white text looks on a background with the Hex color 25231E.

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
25231E

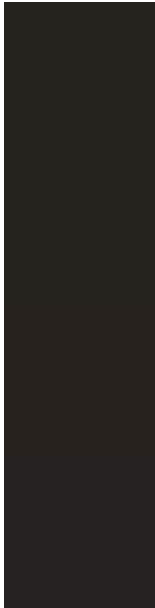
Protanopia
25231E

Deuteranopia
28221E



Tritanopia
262225

Trichromacy



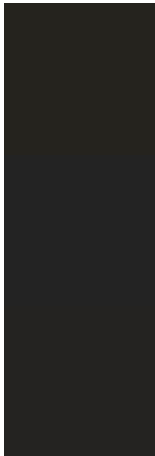
Original Color
25231E

Protanomaly
25231E

Deuteranomaly
27221E

Tritanomaly
262222

Monochromacy



Original Color
25231E

Achromatopsia
232323

Achromatomaly
242321

CSS Examples

Text

The CSS property to change the color of the text to Hex 25231E 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 #25231E looks like.

```
.text, #text, p{  
    color:#25231E  
}
```

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 #25231E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25231E
}
```

Border

The CSS property to change the border of an element to Hex 25231E is called "border". The border property can be set on classes, ids or directly on the HTML element.

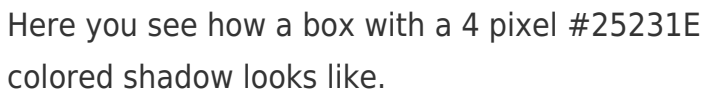
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25231E }
```

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

```
.border{ border-color:#25231E }
```

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



Here you see how a box with a 4 pixel #25231E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25231E; -webkit-box-shadow:4px 4px  
4px 4px #25231E; box-shadow:4px 4px 4px  
4px #25231E }
```

Background

The CSS property to change the background color of an element to Hex 25231E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25231E }
```

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

```
.background{ background-color:#25231E }
```

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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