

Converting Colors

Hex(25130E)

Have a look what the booklet for
Hex(25130E) contains.

Hex(25130E)	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(25130E)

Conversions

Conversions Part 1

Format	Color
Hex	25130E
RGB	37, 19, 14
RGB Percent	15%, 7%, 5%
CMY	0.8549, 0.9255, 0.9451
CMYK	0.00, 0.49, 0.62, 0.85
HSL	13°, 45%, 10%
HSV	13°, 62%, 15%
XYZ	1.0751, 0.8908, 0.5307
YIQ	23.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

Format	Color
R_{YB}	37, 20, 14
Decimal	2429710
CIE Lab	8.05, 8.59, 6.28
CIE LCh	8, 10.642, 36.175
Yxy	0.8908, 0.4306, 0.3568
Android (android.graphics.Color)	4280619790 (0xFF25130E)
YUV	23.8120, -4.8373, 11.5659
Hunter-Lab	9.4380, 3.8164, 3.2725

Details

The Hex color **25130E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0E2025**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **533D39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25100A**, and if you desaturate by 10%, it is **251612**.

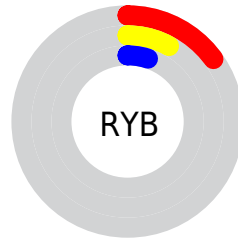
Distribution



Red (15%)

Green (7%)

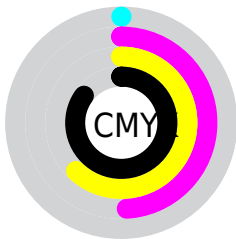
Blue (5%)



Red (15%)

Yellow (8%)

Blue (5%)



Cyan (0%)

Magenta (49%)

Yellow (62%)

Black (85%)



Cyan (85%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25130E 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 25130E by changing the saturation by 10% instead.

■ 25130E

■ 25130E

■ FFF3EE

■ 000000

■ 533D39

■ 6B5450

■ 856D68

■ 9F8681

■ BAA09B

■ D6BBB6

■ F2D7D1

■ 25130E

■ 25130E

■ 25100A

■ 251612

■ 250D07

■ 251915

■ 250A03

■ 251C19

■ 250800

■ 251F1D

■ 252121

■ 252424

■ 252728

■ 252A2C

■ 252D2F

Harmonies

Analogous

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



251216



25130E



221506

Triad

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



25130E



091B11



101826

Complementary

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



25130E



0E2025

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.



041A24



25130E



001C19

Square

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



25130E



141A08



001B20



1A1523

Rectangle

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



25130E



1E1704



001B20



0C1926

Sweetspot

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



25130E



302927



250E20



1A1514



999999



1A1A1A

Same Dimension

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



25130E



30140C



251E0E



121010



521200



D12D00

Inverse Universe

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



0E2025



0C2930



0E1525



101112



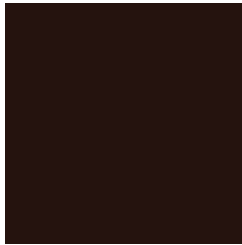
004052



00A4D1

Previews

White Background



This preview shows how the Hex color 25130E looks on a white background.

Color Contrast Check

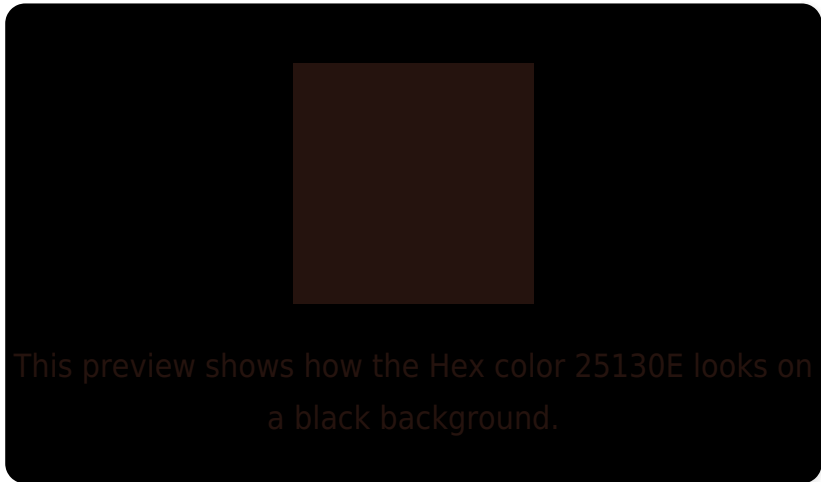
Large Text (above 18pt) WCAG AA ✓ Pass

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

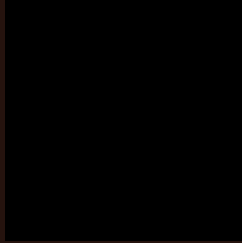
Any Text WCAG AA × Fail

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 25130E Background



This preview shows how black text looks on a background with the Hex color 25130E.



This preview shows how white text looks on a background with the Hex color 25130E.

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
25130E

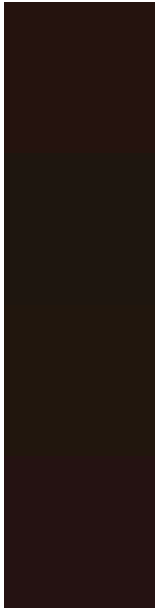
Protanopia
1A1810

Deuteranopia
1E170D



Tritanopia
251214

Trichromacy



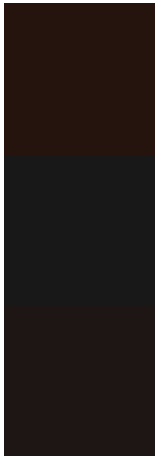
Original Color
25130E

Protanomaly
1E160F

Deuteranomaly
21160D

Tritanomaly
251212

Monochromacy



Original Color
25130E

Achromatopsia
181818

Achromatomaly
1D1614

CSS Examples

Text

The CSS property to change the color of the text to Hex 25130E 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 #25130E looks like.

```
.text, #text, p{  
    color:#25130E  
}
```

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 #25130E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25130E
}
```

Border

The CSS property to change the border of an element to Hex 25130E is called "border". The border property can be set on classes, ids or directly on the HTML element.

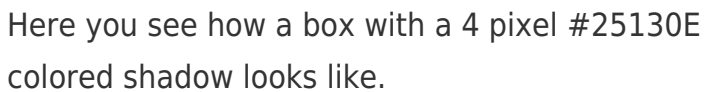
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25130E }
```

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

```
.border{ border-color:#25130E }
```

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



Here you see how a box with a 4 pixel #25130E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25130E; -webkit-box-shadow:4px 4px  
4px 4px #25130E; box-shadow:4px 4px 4px  
4px #25130E }
```

Background

The CSS property to change the background color of an element to Hex 25130E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25130E }
```

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

```
.background{ background-color:#25130E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor