

# Converting Colors

Hex(25160B)

Have a look what the booklet for  
Hex(25160B) contains.

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# Color

**Hex(25160B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25160B
RGB	37, 22, 11
RGB Percent	15%, 9%, 4%
CMY	0.8549, 0.9137, 0.9569
CMYK	0.00, 0.41, 0.70, 0.85
HSL	25°, 54%, 9%
HSV	25°, 70%, 15%
XYZ	1.1103, 0.9913, 0.4494
YIQ	25.2310, 12.4710, -0.2410

# Conversions

## Conversions Part 2

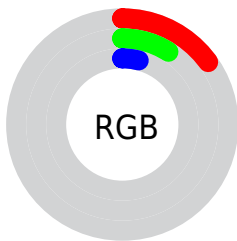
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 30, 11
Decimal	2430475
CIELab	8.92, 6.04, 8.95
CIElCh	9, 10.797, 55.981
Yxy	0.9913, 0.4352, 0.3886
Android (android.graphics.Color)	4280620555 (0xFF25160B)
YUV	25.2310, -7.0159, 10.3214
Hunter-Lab	9.9564, 2.4814, 4.2931

# Details

The Hex color **25160B** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **0B1A25**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **524137**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **251407**, and if you desaturate by 10%, it is **25180F**.

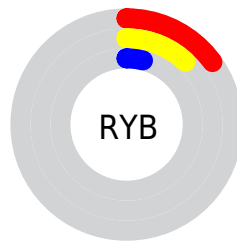
# Distribution



Red (15%)

Green (9%)

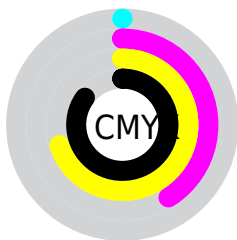
Blue (4%)



Red (15%)

Yellow (12%)

Blue (4%)

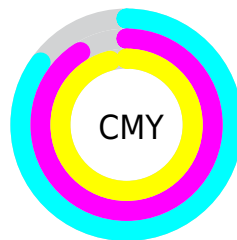


Cyan (0%)

Magenta (41%)

Yellow (70%)

Black (85%)



Cyan (85%)

Magenta (91%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25160B 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 25160B by changing the saturation by 10% instead.



 25160B

 25160B

 FFF7EB

 040000

 524137

 000000

 6B584D

 847065

 9F8A7E

 BAA498

 D6BFB3

 F2DBC F

 25160B

 25160B

■ 251407

■ 25180F

■ 251204

■ 251A12

■ 251000

■ 251C16

■ 251F1A

■ 25211E

■ 252321

■ 252525

■ 252729

■ 25292C

# Harmonies

## Analogous

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



271413



25160B



201806

# Triad

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



25160B



051D18



191826

# Complementary

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



25160B



0B1A25

# Split Complementary

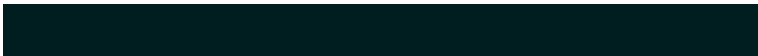
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0D1A28



25160B



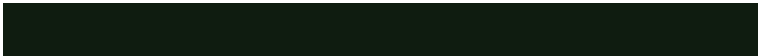
001D1F

# Square

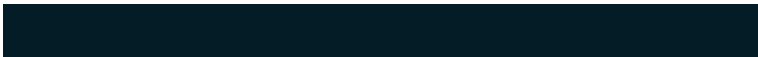
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25160B



0F1C10



031C25



211521

# Rectangle

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



25160B



1B1A07



031C25



151927



# Sweetspot

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



25160B



302B26



250B1A



1A1613



999999



1A1A1A



# Same Dimension

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



25160B



301908



25230B



121110



522300



D15800



# Inverse Universe

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



0B1A25



081F30



0B0D25



101112



002F52

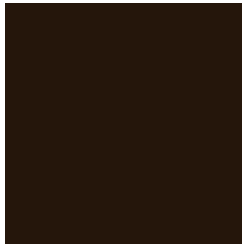


0079D1



# Previews

## White Background



This preview shows how the Hex color 25160B 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

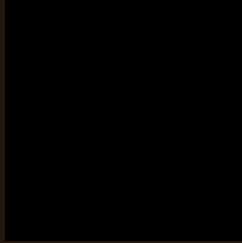
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 25160B Background



This preview shows how black text looks on a background with the Hex color 25160B.

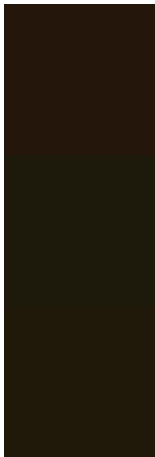


This preview shows how white text looks on a background with the Hex color 25160B.

# 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**  
25160B

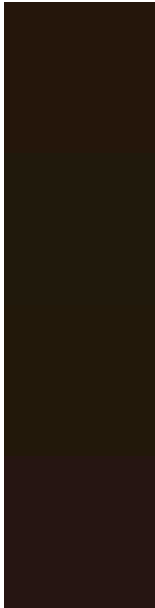
**Protanopia**  
1D1A0C

**Deuteranopia**  
20190A



**Tritanopia**  
261516

# Trichromacy



**Original Color**  
25160B

**Protanomaly**  
20190C

**Deuteranomaly**  
22180A

**Tritanomaly**  
261512

# Monochromacy



**Original Color**  
25160B

**Achromatopsia**  
191919

**Achromatomaly**  
1D1814

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25160B 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 #25160B looks like.

```
.text, #text, p{  
    color:#25160B  
}
```

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 #25160B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25160B
}
```

## Border

The CSS property to change the border of an element to Hex 25160B is called "border". The border property can be set on classes, ids or directly on the HTML element.

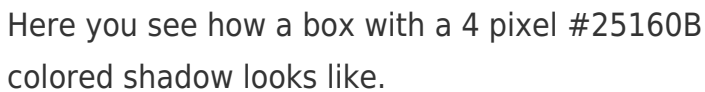
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25160B }
```

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

```
.border{ border-color:#25160B }
```

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



Here you see how a box with a 4 pixel #25160B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25160B; -webkit-box-shadow:4px 4px  
4px 4px #25160B; box-shadow:4px 4px 4px  
4px #25160B }
```

# Background

The CSS property to change the background color of an element to Hex 25160B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25160B }
```

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

```
.background{ background-color:#25160B }
```

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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