

# Converting Colors

Hex(235E26)

Have a look what the booklet for  
Hex(235E26) contains.

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# Color

Hex(235E26)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	235E26
RGB	35, 94, 38
RGB Percent	14%, 37%, 15%
CMY	0.8627, 0.6314, 0.8510
CMYK	0.63, 0.00, 0.60, 0.63
HSL	123°, 46%, 25%
HSV	123°, 63%, 37%
XYZ	5.0457, 8.5027, 3.2090
YIQ	69.9750, -17.1880, -29.9240

# Conversions

## Conversions Part 2

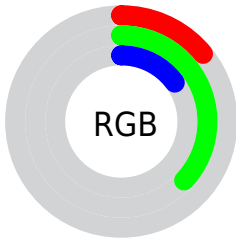
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 91, 94
Decimal	2317862
CIE <sub>Lab</sub>	35.01, -31.95, 26.17
CIE <sub>LCh</sub>	35, 41.297, 140.680
Yxy	8.5027, 0.3011, 0.5074
Android (android.graphics.Color)	4280507942 (0xFF235E26)
YUV	69.9750, -15.7637, -30.6731
Hunter-Lab	29.1593, -20.1415, 13.8867

# Details

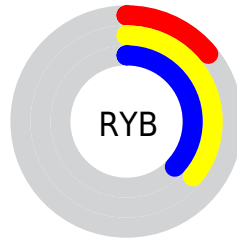
The Hex color **235E26** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E235B**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **579155**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **1A5E1D**, and if you desaturate by 10%, it is **2C5E2F**.

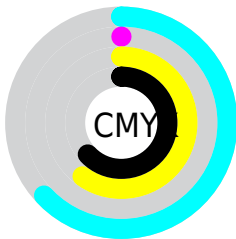
# Distribution



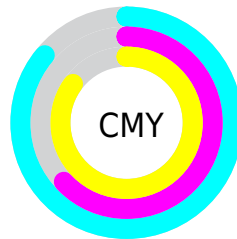
- Red (14%)
- Green (37%)
- Blue (15%)



- Red (14%)
- Yellow (36%)
- Blue (37%)



- Cyan (63%)
- Magenta (0%)
- Yellow (60%)
- Black (63%)



- Cyan (86%)
- Magenta (63%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 235E26 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 235E26 by changing the saturation by 10% instead.



 235E26

 235E26

FFFFFF

 034610

 579155

 002F00

 71AC6D

 001A00

 8BC787

 000000

 A6E4A2

 C2FFBD

 DFFFD9

 FCFF5

 235E26

 235E26

■ 1A5E1D

■ 2C5E2F

■ 105E14

■ 365E38

■ 075E0B

■ 3F5E41

■ 005E05

■ 495E4A

■ 525E53

■ 5B5E5C

■ 655E64

■ 6E5E6D

■ 785E76

# Harmonies

## Analogous

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



4D570C



235E26



006147

# Triad

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



235E26



005993



8D343D

# Complementary

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



235E26



5E235B

# 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.



88345E



235E26



3F4E90

# Square

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



235E26



005F85



703F7C



824020

# Rectangle

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



235E26



00625E



703F7C



8E3248



# Sweetspot

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



235E26



637A64



5B5E23



2F3D30



BDBDBD



3D3D3D



# Same Dimension

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



235E26



1F7A23



235E43



292E2A



006E06



00ED0C



# Inverse Universe

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



5E235B



7A1F76



5E233E



2E292E



6E0068

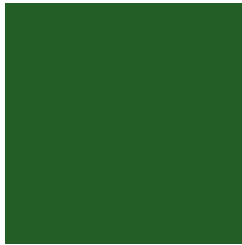


ED00E1



# Previews

## White Background



This preview shows how the Hex color 235E26 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

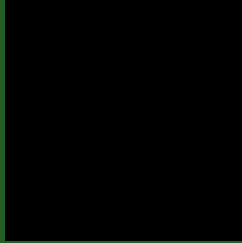
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 235E26 Background



This preview shows how black text looks on a background with the Hex color 235E26.



This preview shows how white text looks on a background with the Hex color 235E26.

# 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**  
235E26

**Protanopia**  
5B5222

**Deuteranopia**  
654E2B



**Tritanopia**  
32585F

# Trichromacy



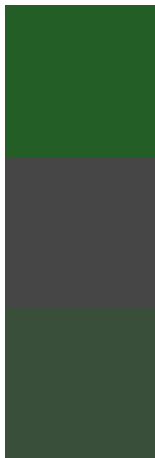
**Original Color**  
235E26

**Protanomaly**  
475623

**Deuteranomaly**  
4D5429

**Tritanomaly**  
2D5A4A

# Monochromacy



**Original Color**  
235E26

**Achromatopsia**  
464646

**Achromatomaly**  
394F3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 235E26 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 #235E26 looks like.

```
.text, #text, p{  
    color:#235E26  
}
```

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 #235E26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235E26
}
```

## Border

The CSS property to change the border of an element to Hex 235E26 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
#235E26 }
```

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

```
.border{ border-color:#235E26 }
```

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

Here you see how a box with a 4 pixel #235E26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235E26; -webkit-box-shadow:4px 4px  
4px 4px #235E26; box-shadow:4px 4px 4px  
4px #235E26 }
```

# Background

The CSS property to change the background color of an element to Hex 235E26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235E26 }
```

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

```
.background{ background-color:#235E26 }
```

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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