

# Converting Colors

Hex(25250E)

Have a look what the booklet for  
Hex(25250E) contains.

<b>Hex(25250E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(25250E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25250E
RGB	37, 37, 14
RGB Percent	15%, 15%, 5%
CMY	0.8549, 0.8549, 0.9451
CMYK	0.00, 0.00, 0.62, 0.85
HSL	60°, 45%, 10%
HSV	60°, 62%, 15%
XYZ	1.5038, 1.7482, 0.6736
YIQ	34.3780, 7.3830, -7.1530

# Conversions

## Conversions Part 2

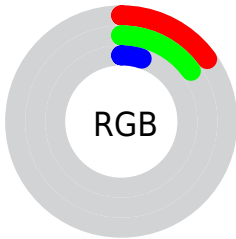
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 37, 14
Decimal	2434318
CIE Lab	14.11, -4.25, 14.69
CIE LCh	14, 15.286, 106.123
Yxy	1.7482, 0.3831, 0.4453
Android (android.graphics.Color)	4280624398 (0xFF25250E)
YUV	34.3780, -10.0464, 2.2995
Hunter-Lab	13.2218, -2.8364, 6.2345

# Details

The Hex color **25250E** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0E0E25**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **525239**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **25250A**, and if you desaturate by 10%, it is **252512**.

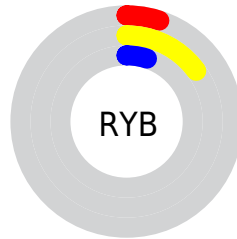
# Distribution



Red (15%)

Green (15%)

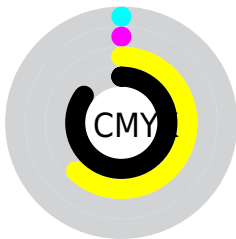
Blue (5%)



Red (5%)

Yellow (15%)

Blue (5%)

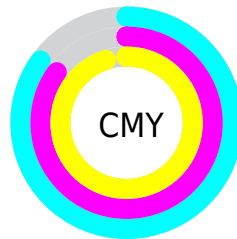


Cyan (0%)

Magenta (0%)

Yellow (62%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25250E 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 25250E by changing the saturation by 10% instead.



 25250E

 25250E

 FFFFEE

 0C1000

 525239

 000000

 6B6A50

 848368

 9E9D81

 B9B89B

 D5D3B6

 F2F0D2

 25250E

 25250E

■ 25250A

■ 252512

■ 252507

■ 252515

■ 252503

■ 252519

■ 252500

■ 25251D

■ 252521

■ 252524

■ 252528

■ 25252C

■ 25252F

# Harmonies

## Analogous

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



2F210E



25250E



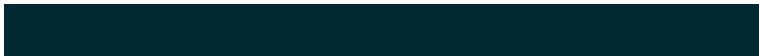
192815

# Triad

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



25250E



002933



351C29

# Complementary

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



25250E



0E0E25

# 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.



2C1F33



25250E



082638

# Square

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



25250E



002929



1D2338



381B1E

# Rectangle

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



25250E



0F291B



1D2338



331D2D



# Sweetspot

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



25250E



303027



250E0E



1A1A14



999999



1A1A1A



# Same Dimension

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



25250E



30300C



1A250E



121210



525200



D1D100



# Inverse Universe

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



0E0E25



0C0C30



1A0E25



101012



000052

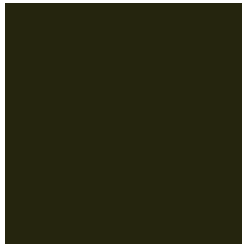


0000D1



# Previews

## White Background



This preview shows how the Hex color 25250E looks on a white background.

## Color Contrast Check

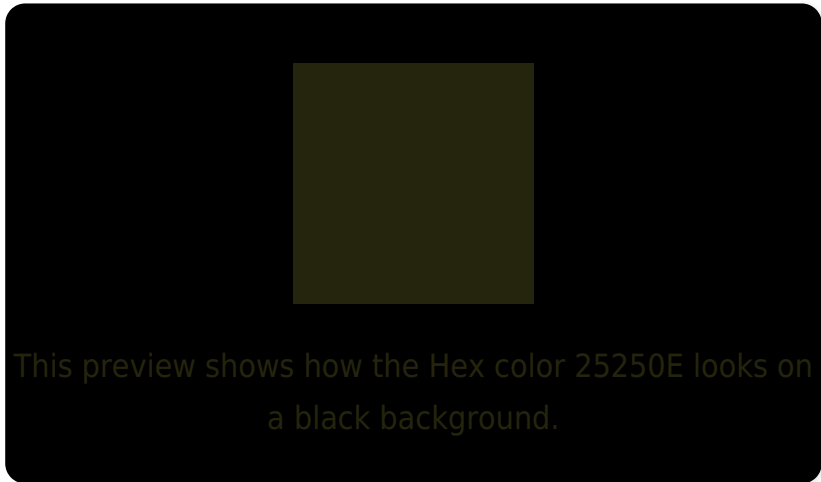
Large Text (above 18pt) WCAG AA ✓ Pass

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

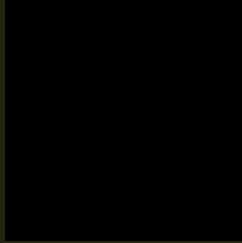
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

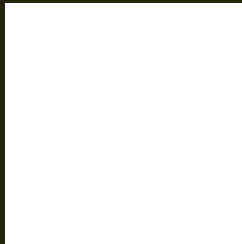
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 25250E Background



This preview shows how black text looks on a background with the Hex color 25250E.

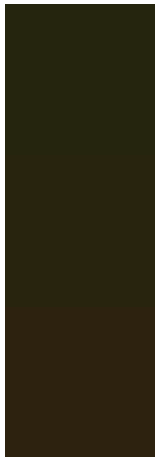


This preview shows how white text looks on a background with the Hex color 25250E.

# 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



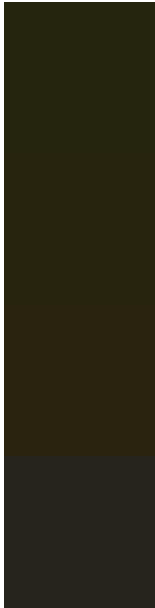
**Original Color**  
25250E

**Protanopia**  
28240E

**Deuteranopia**  
2D220F



# Trichromacy



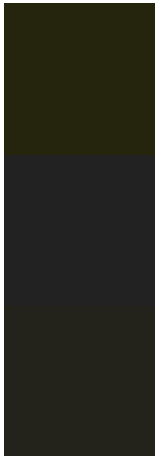
**Original Color**  
25250E

**Protanomaly**  
27240E

**Deuteranomaly**  
2A230F

**Tritanomaly**  
26241D

# Monochromacy



**Original Color**  
25250E

**Achromatopsia**  
222222

**Achromatomaly**  
23231B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25250E 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 #25250E looks like.

```
.text, #text, p{  
    color:#25250E  
}
```

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 #25250E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25250E
}
```

## Border

The CSS property to change the border of an element to Hex 25250E is called "border". The border property can be set on classes, ids or directly on the HTML element.

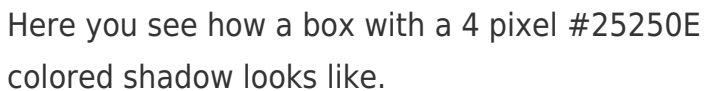
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#25250E }
```

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

```
.border{ border-color:#25250E }
```

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



Here you see how a box with a 4 pixel #25250E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25250E; -webkit-box-shadow:4px 4px  
4px 4px #25250E; box-shadow:4px 4px 4px  
4px #25250E }
```

# Background

The CSS property to change the background color of an element to Hex 25250E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25250E }
```

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

```
.background{ background-color:#25250E }
```

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