

# Converting Colors

Hex(26220A)

Have a look what the booklet for  
Hex(26220A) contains.

<b>Hex(26220A)</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(26220A)

# Conversions

## Conversions Part 1

Format	Color
Hex	26220A
RGB	38, 34, 10
RGB Percent	15%, 13%, 4%
CMY	0.8510, 0.8667, 0.9608
CMYK	0.00, 0.11, 0.74, 0.85
HSL	51°, 58%, 9%
HSV	51°, 74%, 15%
XYZ	1.4261, 1.5780, 0.5166
YIQ	32.4600, 10.0880, -6.6160

# Conversions

## Conversions Part 2

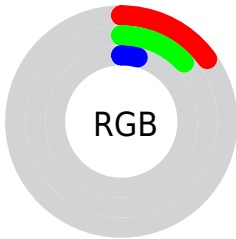
<b>Format</b>	<b>Color</b>
<b>RYB</b>	15, 38, 10
Decimal	2499082
CIELab	13.10, -2.09, 15.19
CIElCh	13, 15.333, 97.833
Yxy	1.5780, 0.4051, 0.4482
Android (android.graphics.Color)	4280689162 (0xFF26220A)
YUV	32.4600, -11.0728, 4.8586
Hunter-Lab	12.5620, -1.7187, 6.3552

# Details

The Hex color **26220A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0E26**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **534E36**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **262106**, and if you desaturate by 10%, it is **26230E**.

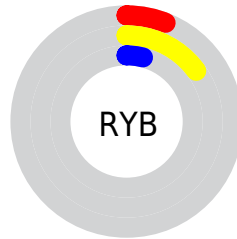
# Distribution



Red (15%)

Green (13%)

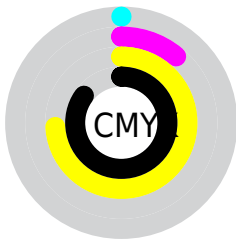
Blue (4%)



Red (6%)

Yellow (15%)

Blue (4%)

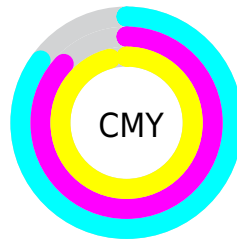


Cyan (0%)

Magenta (11%)

Yellow (74%)

Black (85%)



Cyan (85%)

Magenta (87%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 26220A 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 26220A by changing the saturation by 10% instead.



■ 26220A

■ 26220A

■ FFFFEA

■ 0C0C00

■ 534E36

■ 000000

■ 6C664D

■ 857F65

■ A0997E

■ BBB498

■ D7CFB2

■ F3EBCE

■ 26220A

■ 26220A

■ 262106

■ 26230E

■ 262102

■ 262312

■ 262100

■ 262415

■ 262419

■ 26251D

■ 262521

■ 262625

■ 262628

■ 26272C

# Harmonies

## Analogous

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



2F1E0D



26220A



1A2510

# Triad

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



26220A



00272E



311A2A

# Complementary

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



26220A



0A0E26

# 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.



261E33



26220A



002535

# Square

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



26220A



002724



162237



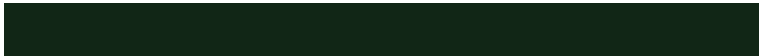
36191F

# Rectangle

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



26220A



112616



162237



2E1B2D



# Sweetspot

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



26220A



302F26



260A0E



1A1913



999999



1A1A1A



# Same Dimension

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



26220A



302A06



1C260A



121210



524600



D1B300



# Inverse Universe

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



0A0E26



060C30



140A26



101012



000C52

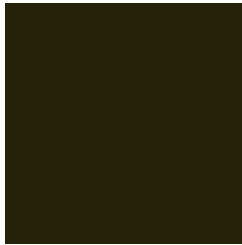


001ED1



# Previews

## White Background



This preview shows how the Hex color 26220A looks on a white background.

## Color Contrast Check

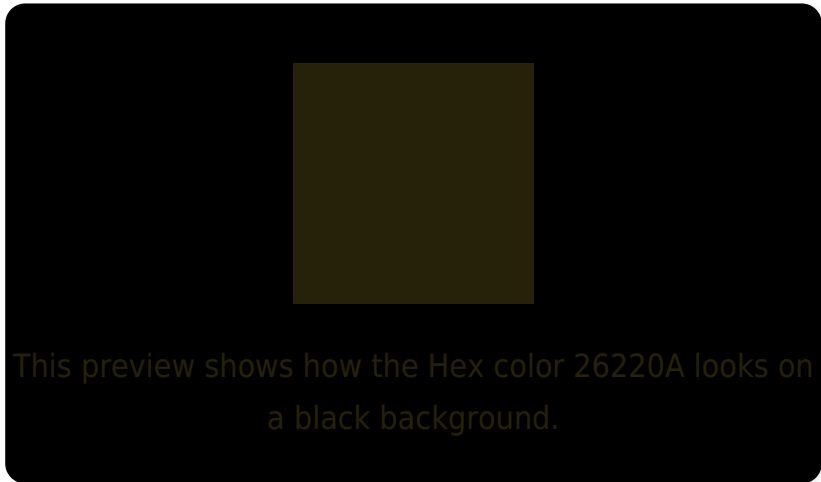
Large Text (above 18pt) WCAG AA ✓ Pass

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

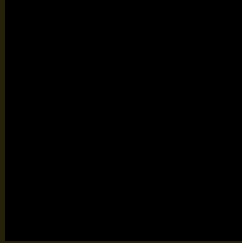
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 26220A Background



This preview shows how black text looks on a background with the Hex color 26220A.



This preview shows how white text looks on a background with the Hex color 26220A.

# 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



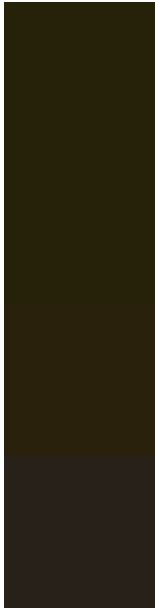
**Original Color**  
26220A

**Protanopia**  
26220A

**Deuteranopia**  
2A200B



# Trichromacy



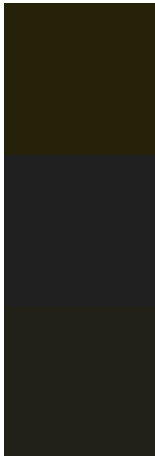
**Original Color**  
26220A

**Protanomaly**  
26220A

**Deuteranomaly**  
29210B

**Tritanomaly**  
272119

# Monochromacy



**Original Color**  
26220A

**Achromatopsia**  
202020

**Achromatomaly**  
222118

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 26220A 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 #26220A looks like.

```
.text, #text, p{  
    color:#26220A  
}
```

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 #26220A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26220A
}
```

## Border

The CSS property to change the border of an element to Hex 26220A is called "border". The border property can be set on classes, ids or directly on the HTML element.

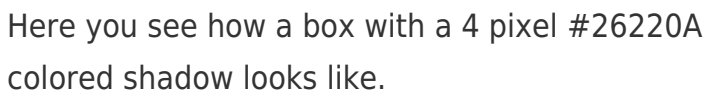
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#26220A }
```

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

```
.border{ border-color:#26220A }
```

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



Here you see how a box with a 4 pixel #26220A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26220A; -webkit-box-shadow:4px 4px  
4px 4px #26220A; box-shadow:4px 4px 4px  
4px #26220A }
```

# Background

The CSS property to change the background color of an element to Hex 26220A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26220A }
```

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

```
.background{ background-color:#26220A }
```

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