

# Converting Colors

Hex(528226)

Have a look what the booklet for  
Hex(528226) contains.

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**Color**

**Hex(528226)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	528226
RGB	82, 130, 38
RGB Percent	32%, 51%, 15%
CMY	0.6784, 0.4902, 0.8510
CMYK	0.37, 0.00, 0.71, 0.49
HSL	91°, 55%, 33%
HSV	91°, 71%, 51%
XYZ	11.8122, 17.8990, 4.6660
YIQ	105.1600, 0.9240, -38.7880

# Conversions

## Conversions Part 2

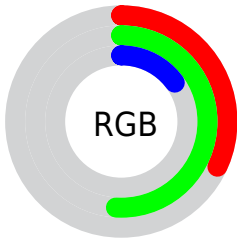
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	38, 130, 86
Decimal	5407270
CIE Lab	49.37, -32.26, 42.72
CIE LCh	49, 53.539, 127.060
Yxy	17.8990, 0.3436, 0.5207
Android (android.graphics.Color)	4283597350 (0xFF528226)
<b>YUV</b>	105.1600, -33.1099, -20.3113
Hunter-Lab	42.3073, -24.2006, 23.0761

# Details

The Hex color **528226** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **562682**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **87B758**, and **1D5000** is the 20% darker color. If you saturate the color by 10%, you get **4B8219**, and if you desaturate by 10%, it is **598233**.

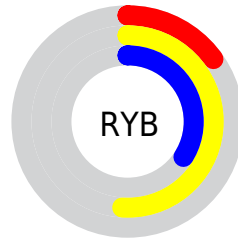
# Distribution



Red (32%)

Green (51%)

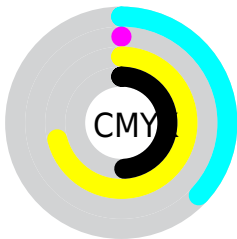
Blue (15%)



Red (15%)

Yellow (51%)

Blue (34%)

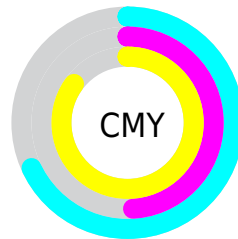


Cyan (37%)

Magenta (0%)

Yellow (71%)

Black (49%)



Cyan (68%)

Magenta (49%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 528226 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 528226 by changing the saturation by 10% instead.





528226



528226

FFFFFF



386909



87B758



1D5000



A2D372



003900



BEF08D



002400



DBFFA8



000000



F8FFC3



FFFFE0



FFFFFD



528226



528226

■ 4B8219

■ 598233

■ 44820C

■ 608240

■ 3E8200

■ 66824D

■ 6D825A

■ 748267

■ 7B8274

■ 818281

■ 88828E

■ 8F829B

# Harmonies

## Analogous

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



827709



528226



008850

# Triad

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



528226



0084C9



C7496C

# Complementary

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



528226



562682

# 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.



B4519A



528226



1277D0

# Square

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



528226



008AAB



8564BE



C15341

# Rectangle

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



528226



008A6F



8564BE



C4497C



# Sweetspot

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



528226



96A885



825626



49543F



D4D4D4



545454



# Same Dimension

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



528226



5EA819



268228



3C4039



3D8000



000000



# Inverse Universe

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



562682



6419A8



822680



3D3940



430080



000000



# Previews

## White Background



This preview shows how the Hex color 528226 looks on a white background.

## Color Contrast Check

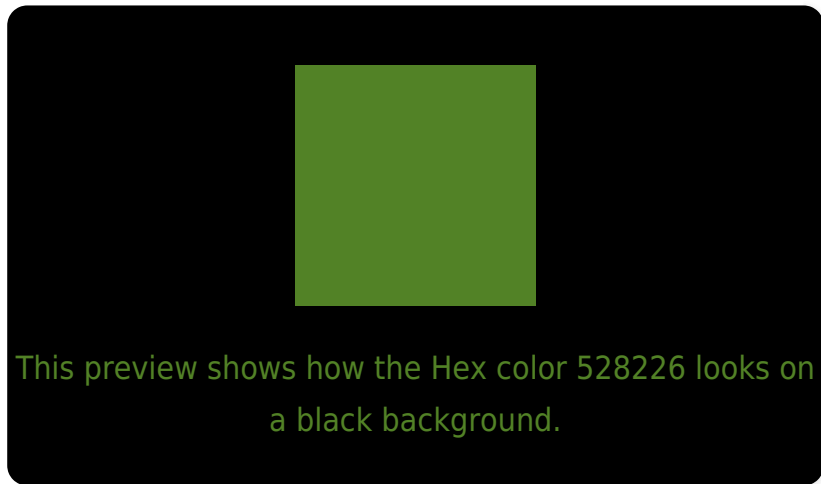
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

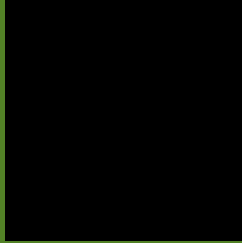
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 528226 Background



This preview shows how black text looks on a background with the Hex color 528226.



This preview shows how white text looks on a background with the Hex color 528226.

# 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**  
528226

**Protanopia**  
837523

**Deuteranopia**  
926F2D



**Tritanopia**  
5F7983

# Trichromacy



**Original Color**  
528226

**Protanomaly**  
717A24

**Deuteranomaly**  
7B762A

**Tritanomaly**  
5A7C61

# Monochromacy



**Original Color**  
528226

**Achromatopsia**  
696969

**Achromatomaly**  
617251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 528226 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 #528226 looks like.

```
.text, #text, p{  
    color:#528226  
}
```

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 #528226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #528226
}
```

## Border

The CSS property to change the border of an element to Hex 528226 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
#528226 }
```

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

```
.border{ border-color:#528226 }
```

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

Here you see how a box with a 4 pixel #528226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #528226; -webkit-box-shadow:4px 4px  
4px 4px #528226; box-shadow:4px 4px 4px  
4px #528226 }
```

# Background

The CSS property to change the background color of an element to Hex 528226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#528226 }
```

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

```
.background{ background-color:#528226 }
```

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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