

# Converting Colors

Hex(227626)

Have a look what the booklet for  
Hex(227626) contains.

<b>Hex(227626)</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(227626)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	227626
RGB	34, 118, 38
RGB Percent	13%, 46%, 15%
CMY	0.8667, 0.5373, 0.8510
CMYK	0.71, 0.00, 0.68, 0.54
HSL	123°, 55%, 30%
HSV	123°, 71%, 46%
XYZ	7.4880, 13.4369, 4.0326
YIQ	83.7640, -24.3840, -42.6880

# Conversions

## Conversions Part 2

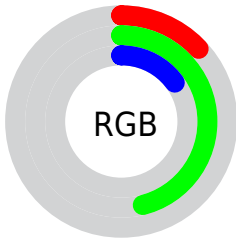
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 114, 118
Decimal	2258470
CIE <sub>Lab</sub>	43.41, -41.75, 35.77
CIE <sub>LCh</sub>	43, 54.980, 139.411
Yxy	13.4369, 0.3000, 0.5384
Android (android.graphics.Color)	4280448550 (0xFF227626)
YUV	83.7640, -22.5617, -43.6430
Hunter-Lab	36.6564, -27.6856, 19.1368




# Details

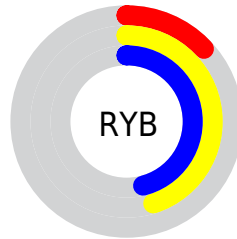
The Hex color **227626** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **762272**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **5BAB57**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **16761B**, and if you desaturate by 10%, it is **2E7631**.

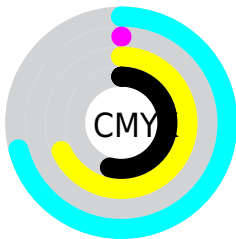
# Distribution







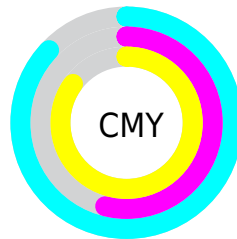
-  Red (13%)
-  Green (46%)
-  Blue (15%)






-  Red (13%)
-  Yellow (45%)
-  Blue (46%)



-  Cyan (71%)
-  Magenta (0%)
-  Yellow (68%)
-  Black (54%)



-  Cyan (87%)
-  Magenta (54%)
-  Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 227626 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 227626 by changing the saturation by 10% instead.



 227626

 227626

FFFFFF

 005D0C

 5BAB57

 004400

 77C770

 002E00

 92E38A

 001400

 AEFFA5

 000000

 CBFFC1

 E8FFDD

 FFFFFA

 227626

 227626

■ 16761B

■ 2E7631

■ 0A7610

■ 3A763C

■ 007606

■ 457648

■ 517653

■ 5D765E

■ 697669

■ 757675

■ 807680

■ 8C768B

# Harmonies

## Analogous

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



606D00



227626



007A54

# Triad

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



227626



0071C0



B7394B

# Complementary

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



227626



762272

# 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.



B03979



227626



4161BD

# Square

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



227626



0079AB



8D4CA2



A84B21

# Rectangle

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



227626



007B74



8D4CA2



B7365A



# Sweetspot

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



227626



79997A



737622



394D3A



CCCCCC



4D4D4D



# Same Dimension

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



227626



17991D



22764F



353B35



007A06



00FA0C



# Inverse Universe

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



762272



991793



762249



3B353A



7A0075

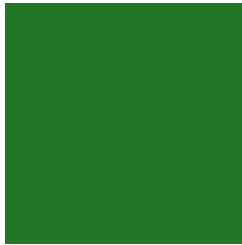


FA00EE



# Previews

## White Background



This preview shows how the Hex color 227626 looks on a white background.

## Color Contrast Check

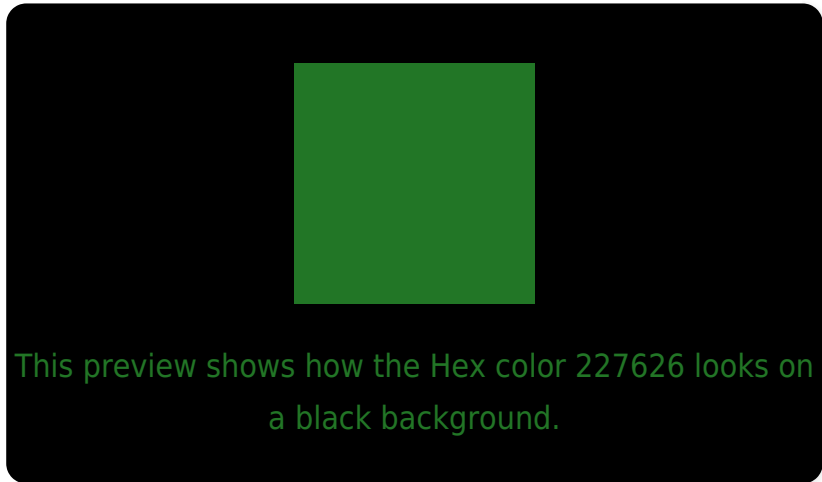
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

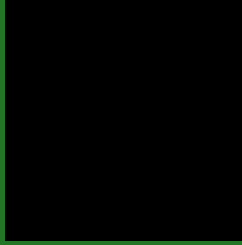
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 227626 Background



This preview shows how black text looks on a background with the Hex color 227626.



This preview shows how white text looks on a background with the Hex color 227626.

# 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**  
227626

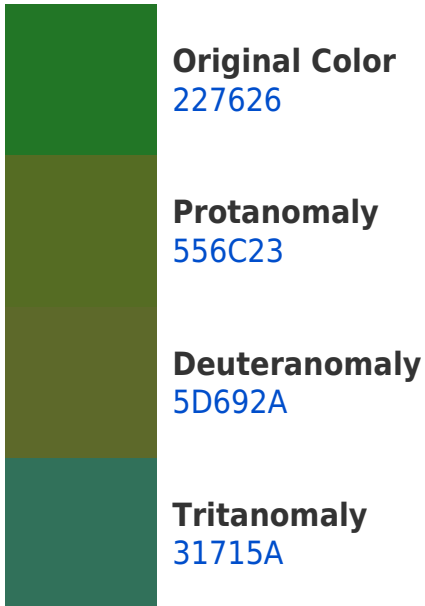
**Protanopia**  
726622

**Deuteranopia**  
7E612D



**Tritanopia**  
396E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 227626 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 #227626 looks like.

```
.text, #text, p{  
    color:#227626  
}
```

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 #227626 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227626
}
```

## Border

The CSS property to change the border of an element to Hex 227626 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
#227626 }
```

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

```
.border{ border-color:#227626 }
```

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

Here you see how a box with a 4 pixel #227626 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227626; -webkit-box-shadow:4px 4px  
4px 4px #227626; box-shadow:4px 4px 4px  
4px #227626 }
```

# Background

The CSS property to change the background color of an element to Hex 227626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227626 }
```

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

```
.background{ background-color:#227626 }
```

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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