

# Converting Colors

Hex(226134)

Have a look what the booklet for  
Hex(226134) contains.

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# Color

Hex(226134)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	226134
RGB	34, 97, 52
RGB Percent	13%, 38%, 20%
CMY	0.8667, 0.6196, 0.7961
CMYK	0.65, 0.00, 0.46, 0.62
HSL	137°, 48%, 26%
HSV	137°, 65%, 38%
XYZ	5.5542, 9.1374, 4.7198
YIQ	73.0330, -23.1030, -27.3510

# Conversions

## Conversions Part 2

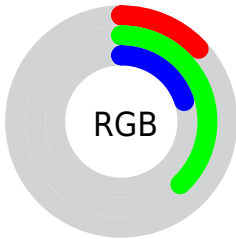
Format	Color
<a href="#">RYB</a>	<a href="#">34, 83, 97</a>
Decimal	<a href="#">2253108</a>
CIELab	<a href="#">36.25, -31.18, 19.83</a>
CIElCh	<a href="#">36, 36.947, 147.547</a>
Yxy	<a href="#">9.1374, 0.2861, 0.4707</a>
Android (android.graphics.Color)	<a href="#">4280443188 (0xFF226134)</a>
YUV	<a href="#">73.0330, -10.3693, -34.2319</a>
Hunter-Lab	<a href="#">30.2281, -20.1011, 11.9023</a>

# Details

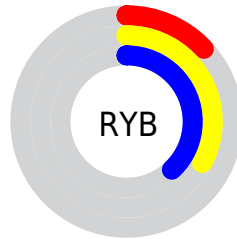
The Hex color **226134** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **61224F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **569463**, and **003207** is the 20% darker color. If you saturate the color by 10%, you get **18612D**, and if you desaturate by 10%, it is **2C613B**.

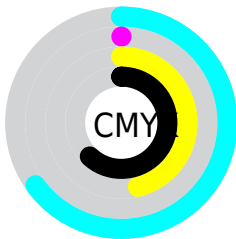
# Distribution



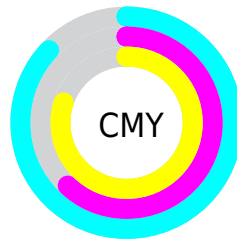
- Red (13%)
- Green (38%)
- Blue (20%)



- Red (13%)
- Yellow (33%)
- Blue (38%)



- Cyan (65%)
- Magenta (0%)
- Yellow (46%)
- Black (62%)



- Cyan (87%)
- Magenta (62%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 226134 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 226134 by changing the saturation by 10% instead.



 226134

 226134

FFFFFF

 01491E

 569463

 003207

 70AF7C

 001E00

 8BCB96

 000000

 A6E7B1

 C2FFCD

 DEFFE9

 FBFFFF

 226134

 226134

■ 18612D

■ 2C613B

■ 0F6126

■ 356142

■ 05611F

■ 3F6149

■ 00611C

■ 496150

■ 536157

■ 5C615E

■ 666165

■ 70616B

■ 796172

# Harmonies

## Analogous

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



4A5C1D



226134



006452

# Triad

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



226134



005990



8A3D3C

# Complementary

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



226134



61224F

# 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.



893B59



226134



524E8A

# Square

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



226134



006087



774275



7E4823

# Rectangle

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



226134



006466



774275



8C3B45



# Sweetspot

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



226134



657D6C



4F6122



314035



BFBFBF



404040



# Same Dimension

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



226134



1B7D37



226153



2C302D



007020



00F044



# Inverse Universe

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



61224F



7D1B61



612230



302C2F



700050



F000AB



# Previews

## White Background



This preview shows how the Hex color 226134 looks on a white background.

## Color Contrast Check

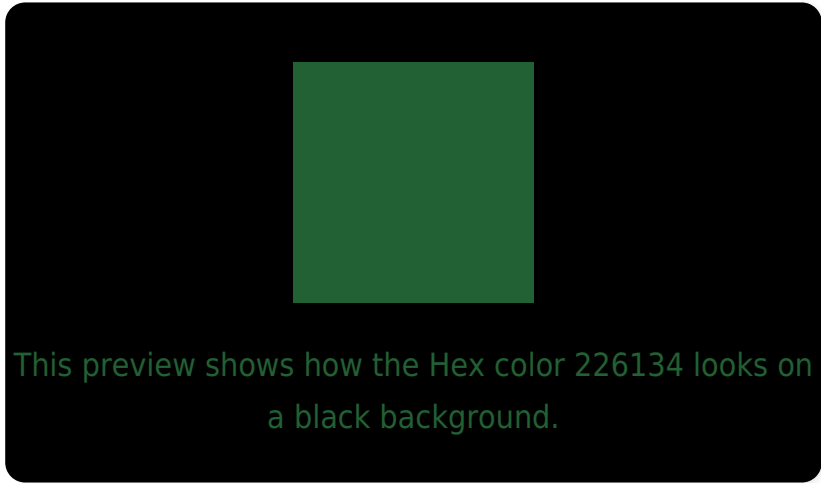
Large Text (above 18pt) WCAG AA ✓ Pass

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

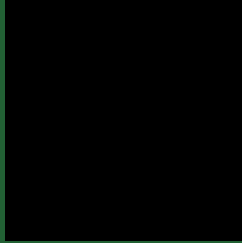
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 226134 Background



This preview shows how black text looks on a background with the Hex color 226134.



This preview shows how white text looks on a background with the Hex color 226134.

# 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**  
226134

**Protanopia**  
5D5530

**Deuteranopia**  
665138



**Tritanopia**  
305C63

# Trichromacy



**Original Color**  
226134

**Protanomaly**  
485931

**Deuteranomaly**  
4D5737

**Tritanomaly**  
2B5E52

# Monochromacy



**Original Color**  
226134

**Achromatopsia**  
494949

**Achromatomaly**  
3B5241

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 226134 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 #226134 looks like.

```
.text, #text, p{  
    color:#226134  
}
```

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 #226134 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #226134
}
```

## Border

The CSS property to change the border of an element to Hex 226134 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
#226134 }
```

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

```
.border{ border-color:#226134 }
```

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

Here you see how a box with a 4 pixel #226134 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #226134; -webkit-box-shadow:4px 4px  
4px 4px #226134; box-shadow:4px 4px 4px  
4px #226134 }
```

# Background

The CSS property to change the background color of an element to Hex 226134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#226134 }
```

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

```
.background{ background-color:#226134 }
```

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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