

# Converting Colors

Hex(30141A)

Have a look what the booklet for  
Hex(30141A) contains.

<b>Hex(30141A)</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(30141A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30141A
RGB	48, 20, 26
RGB Percent	19%, 8%, 10%
CMY	0.8118, 0.9216, 0.8980
CMYK	0.00, 0.58, 0.46, 0.81
HSL	347°, 41%, 13%
HSV	347°, 58%, 19%
XYZ	1.6555, 1.2033, 1.1223
YIQ	29.0560, 14.7620, 7.8020

# Conversions

## Conversions Part 2

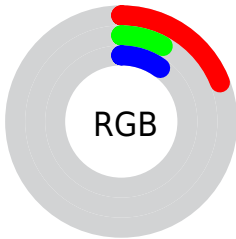
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 20, 26
Decimal	3150874
CIELab	10.58, 15.03, 2.30
CIELCh	11, 15.210, 8.715
Yxy	1.2033, 0.4158, 0.3022
Android (android.graphics.Color)	4281340954 (0xFF30141A)
YUV	29.0560, -1.5066, 16.6139
Hunter-Lab	10.9694, 7.7434, 1.6126




# Details

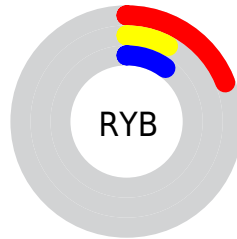
The Hex color **30141A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **14302A**, and the grayscale version is **1D1D1D**.


A 20% lighter version of the original color is **603F45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **300F16**, and if you desaturate by 10%, it is **30191E**.

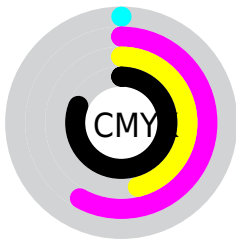
# Distribution







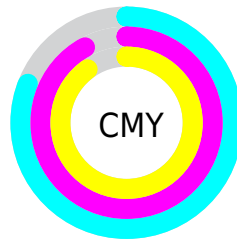
-  Red (19%)
-  Green (8%)
-  Blue (10%)






-  Red (19%)
-  Yellow (8%)
-  Blue (10%)



-  Cyan (0%)
-  Magenta (58%)
-  Yellow (46%)
-  Black (81%)



-  Cyan (81%)
-  Magenta (92%)
-  Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30141A 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 30141A by changing the saturation by 10% instead.



 30141A

 30141A

 FFF7FD

 1E0000

 603F45

 000000

 79575C

 936F75

 AE898F

 C9A3A9

 E6BEC4

 FFDAE0

 30141A

 30141A

■ 300F16

■ 30191E

■ 300A12

■ 301E22

■ 30060F

■ 302225

■ 30010B

■ 302729

■ 30000A

■ 302C2D

■ 303131

■ 303634

■ 303A38

■ 303F3C

# Harmonies

## Analogous

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



2C1524



30141A



2F160F

# Triad

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



30141A



162009



002030

# Complementary

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



30141A



14302A

# 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.



002129



30141A



062115

# Square

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



30141A



211D02



00221F



111D31

# Rectangle

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



30141A



2C1807



00221F



00202E



# Sweetspot

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



30141A



3D3235



2A1430



1F1819



9E9E9E



1F1F1F



# Same Dimension

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



30141A



3D121C



301C14



171515



570013



D6002E



# Inverse Universe

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



30141A



3D121C



142830



171515



570013

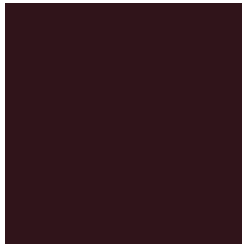


D6002E



# Previews

## White Background



This preview shows how the Hex color 30141A looks on a white background.

## Color Contrast Check

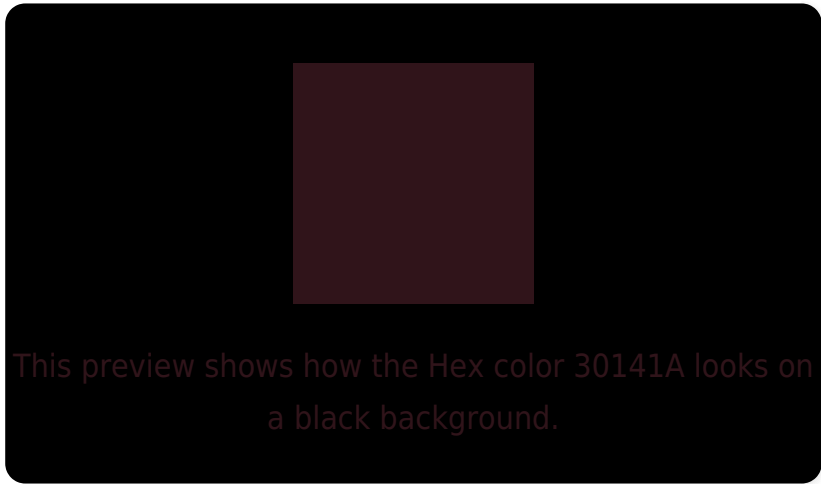
Large Text (above 18pt) WCAG AA ✓ Pass

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

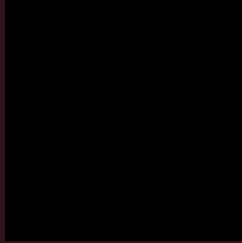
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 30141A Background



This preview shows how black text looks on a background with the Hex color 30141A.

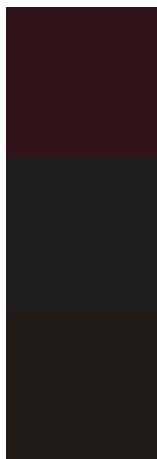


This preview shows how white text looks on a background with the Hex color 30141A.

# 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**  
30141A

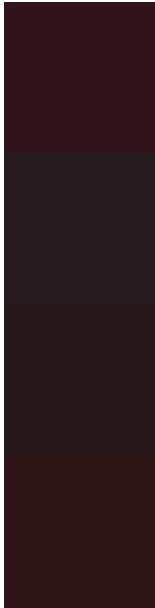
**Protanopia**  
1E1D1F

**Deuteranopia**  
221C19



**Tritanopia**  
301516

# Trichromacy



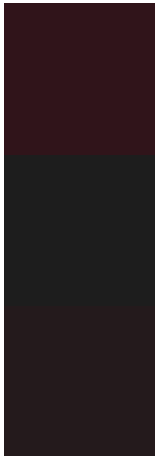
**Original Color**  
30141A

**Protanomaly**  
251A1D

**Deuteranomaly**  
271919

**Tritanomaly**  
301517

# Monochromacy



**Original Color**  
30141A

**Achromatopsia**  
1D1D1D

**Achromatomaly**  
241A1C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30141A 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 #30141A looks like.

```
.text, #text, p{  
    color:#30141A  
}
```

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 #30141A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30141A
}
```

## Border

The CSS property to change the border of an element to Hex 30141A is called "border". The border property can be set on classes, ids or directly on the HTML element.

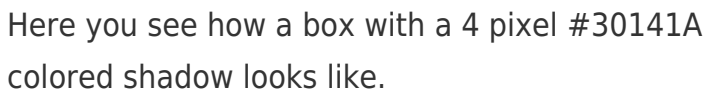
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#30141A }
```

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

```
.border{ border-color:#30141A }
```

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



Here you see how a box with a 4 pixel #30141A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30141A; -webkit-box-shadow:4px 4px  
4px 4px #30141A; box-shadow:4px 4px 4px  
4px #30141A }
```

# Background

The CSS property to change the background color of an element to Hex 30141A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30141A }
```

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

```
.background{ background-color:#30141A }
```

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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