

# Converting Colors

Hex(11351A)

Have a look what the booklet for  
Hex(11351A) contains.

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# Color

**Hex(11351A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	11351A
RGB	17, 53, 26
RGB Percent	7%, 21%, 10%
CMY	0.9333, 0.7922, 0.8980
CMYK	0.68, 0.00, 0.51, 0.79
HSL	135°, 51%, 14%
HSV	135°, 68%, 21%
XYZ	1.6907, 2.7400, 1.4170
YIQ	39.1580, -12.7890, -16.0290

# Conversions

## Conversions Part 2

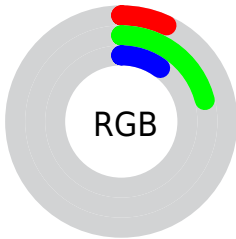
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 46, 53
Decimal	1127706
CIELab	18.97, -20.22, 13.25
CIELCh	19, 24.171, 146.756
Yxy	2.7400, 0.2891, 0.4686
Android (android.graphics.Color)	4279317786 (0xFF11351A)
YUV	39.1580, -6.4869, -19.4326
Hunter-Lab	16.5528, -10.7353, 6.5113

# Details

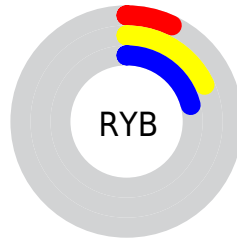
The Hex color **11351A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **35112C**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **3F6446**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0C3516**, and if you desaturate by 10%, it is **16351E**.

# Distribution



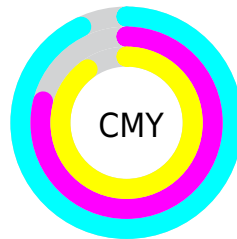
- Red (7%)
- Green (21%)
- Blue (10%)



- Red (7%)
- Yellow (18%)
- Blue (21%)



- Cyan (68%)
- Magenta (0%)
- Yellow (51%)
- Black (79%)




- Cyan (93%)
- Magenta (79%)
- Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 11351A 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 11351A by changing the saturation by 10% instead.



 11351A

 11351A

 F9FFFE

 002000

 3F6446

 000000

 587D5D


 719776


 8BB290

 A5CEAA

 C1EAC6

 DDFFE2

 11351A

 11351A

■ 0C3516

■ 16351E

■ 063512

■ 1C3522

■ 01350E

■ 213526

■ 00350D

■ 26352A

■ 2C352E

■ 313532

■ 363536

■ 3B353A

■ 41353E

# Harmonies

## Analogous

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



28320C



11351A



00372C

# Triad

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



11351A



003151



4E201F

# Complementary

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



11351A



35112C

# 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.



4D1E31



11351A



2B2A4D

# Square

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



11351A



00354B



422342



472611

# Rectangle

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



11351A



003738



422342



4E1F25



# Sweetspot

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



11351A



37453B



2C3511



1B241D



A3A3A3



242424



# Same Dimension

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



11351A



0C451B



11352C



171A18



005916



00D936



# Inverse Universe

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



35112C



450C37



35111A



1A1719



590043

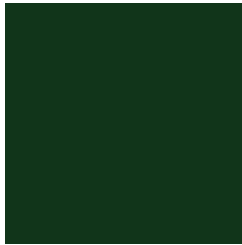


D900A3



# Previews

## White Background



This preview shows how the Hex color 11351A looks on a white background.

## Color Contrast Check

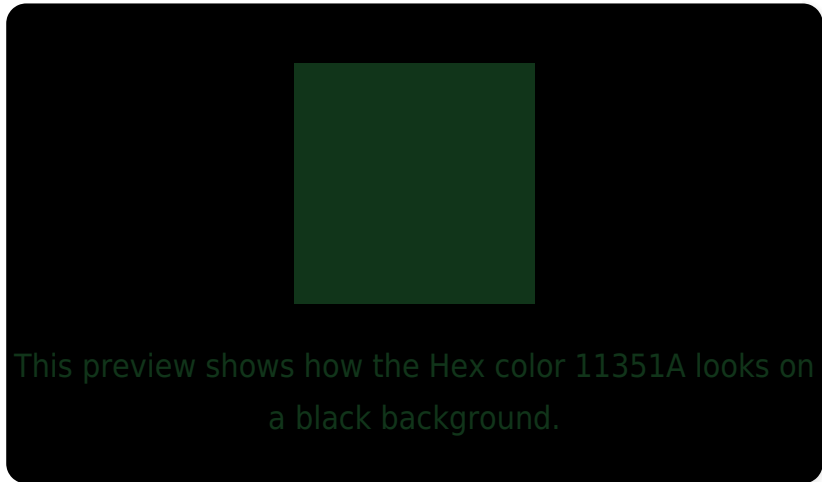
Large Text (above 18pt) WCAG AA ✓ Pass

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

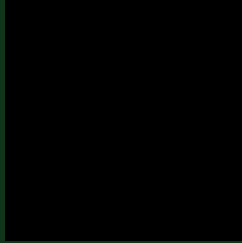
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 11351A Background



This preview shows how black text looks on a background with the Hex color 11351A.



This preview shows how white text looks on a background with the Hex color 11351A.

# 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](#).

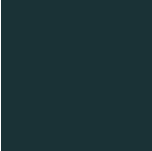
## Dichromacy



**Original Color**  
11351A

**Protanopia**  
332E18

**Deuteranopia**  
382C1C



**Tritanopia**  
1A3236

# Trichromacy



**Original Color**  
11351A

**Protanomaly**  
273119

**Deuteranomaly**  
2A2F1B

**Tritanomaly**  
17332C

# Monochromacy



**Original Color**  
11351A

**Achromatopsia**  
272727

**Achromatomaly**  
1F2C22

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 11351A 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 #11351A looks like.

```
.text, #text, p{  
    color:#11351A  
}
```

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 #11351A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11351A
}
```

## Border

The CSS property to change the border of an element to Hex 11351A 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
#11351A }
```

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

```
.border{ border-color:#11351A }
```

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

Here you see how a box with a 4 pixel #11351A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11351A; -webkit-box-shadow:4px 4px  
4px 4px #11351A; box-shadow:4px 4px 4px  
4px #11351A }
```

# Background

The CSS property to change the background color of an element to Hex 11351A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11351A }
```

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

```
.background{ background-color:#11351A }
```

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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