

# Converting Colors

Hex(134021)

Have a look what the booklet for  
Hex(134021) contains.

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# Color

**Hex(134021)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	134021
RGB	19, 64, 33
RGB Percent	7%, 25%, 13%
CMY	0.9255, 0.7490, 0.8706
CMYK	0.70, 0.00, 0.48, 0.75
HSL	139°, 54%, 16%
HSV	139°, 70%, 25%
XYZ	2.3765, 3.9150, 2.0693
YIQ	47.0110, -16.8690, -19.1810

# Conversions

## Conversions Part 2

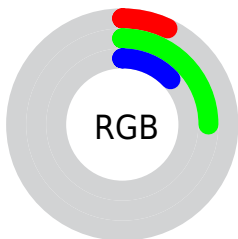
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 53, 64
Decimal	1261601
CIE <sub>Lab</sub>	23.39, -23.57, 14.54
CIE <sub>LCh</sub>	23, 27.695, 148.333
Yxy	3.9150, 0.2842, 0.4683
Android (android.graphics.Color)	4279451681 (0xFF134021)
YUV	47.0110, -6.9074, -24.5656
Hunter-Lab	19.7865, -13.1875, 7.6500

# Details

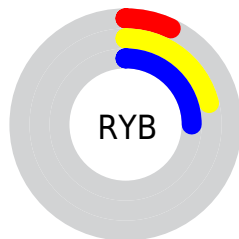
The Hex color **134021** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **401332**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **44704E**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **0D401D**, and if you desaturate by 10%, it is **194025**.

# Distribution



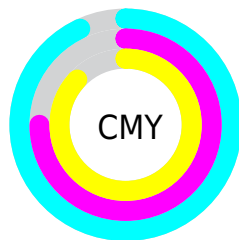
- Red (7%)
- Green (25%)
- Blue (13%)



- Red (7%)
- Yellow (21%)
- Blue (25%)



- Cyan (70%)
- Magenta (0%)
- Yellow (48%)
- Black (75%)



- Cyan (93%)
- Magenta (75%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 134021 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 134021 by changing the saturation by 10% instead.



 134021

 134021

FFFFFF

 002A0B

 44704E

 001400

 5C8A66

 000000

 76A47F

 90C099

 ABDCB4

 C6F8CF

 E3FFEC

 134021

 134021

■ 0D401D

■ 194025

■ 064018

■ 20402A

■ 004014

■ 26402E

■ 2D4033

■ 334037

■ 39403B

■ 404040

■ 464044

■ 4D4049

# Harmonies

## Analogous

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



2F3C11



134021



004236

# Triad

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



134021



003A61



5D2725

# Complementary

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



134021



401332

# 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.



5C253A



134021



36335C

# Square

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



134021



003F5B



502A4E



542E14

# Rectangle

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



134021



004244



502A4E



5E262C



# Sweetspot

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



134021



425448



334013



212B24



ABABAB



2B2B2B



# Same Dimension

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



134021



0D5423



134037



1E211F



00611E



00E046



# Inverse Universe

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



401332



540D3E



40131C



211E20



610043

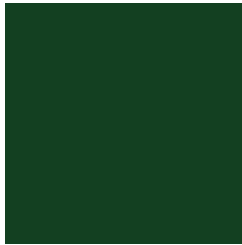


E0009B



# Previews

## White Background



This preview shows how the Hex color 134021 looks on a white background.

## Color Contrast Check

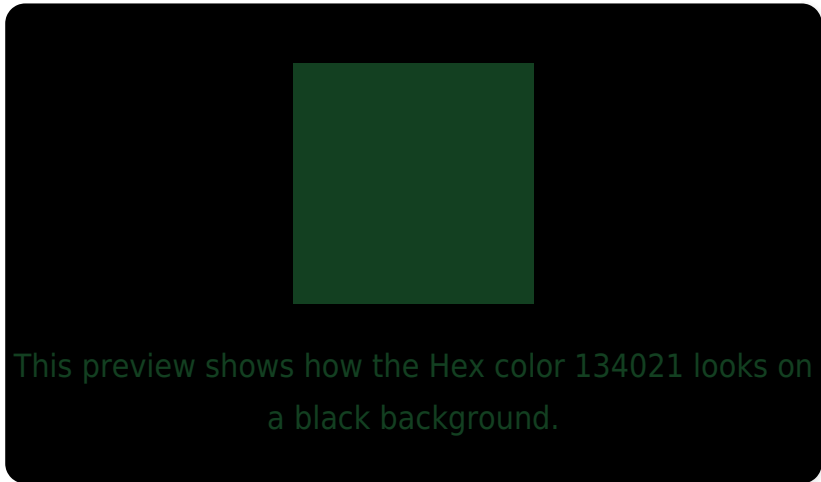
Large Text (above 18pt) WCAG AA ✓ Pass

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

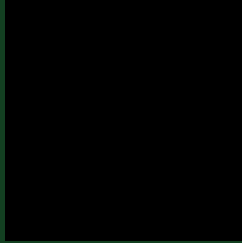
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 134021 Background



This preview shows how black text looks on a background with the Hex color 134021.



This preview shows how white text looks on a background with the Hex color 134021.

# 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**  
134021

**Protanopia**  
3D381E

**Deuteranopia**  
433524



**Tritanopia**  
1E3C41

# Trichromacy



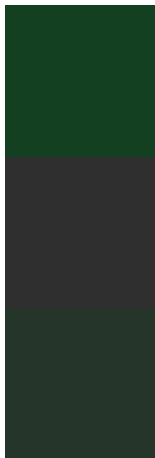
**Original Color**  
134021

**Protanomaly**  
2E3B1F

**Deuteranomaly**  
323923

**Tritanomaly**  
1A3D35

# Monochromacy



**Original Color**  
134021

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
25352A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 134021 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 #134021 looks like.

```
.text, #text, p{  
    color:#134021  
}
```

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 #134021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #134021
}
```

## Border

The CSS property to change the border of an element to Hex 134021 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
#134021 }
```

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

```
.border{ border-color:#134021 }
```

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

Here you see how a box with a 4 pixel #134021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #134021; -webkit-box-shadow:4px 4px  
4px 4px #134021; box-shadow:4px 4px 4px  
4px #134021 }
```

# Background

The CSS property to change the background color of an element to Hex 134021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#134021 }
```

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

```
.background{ background-color:#134021 }
```

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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