

# Converting Colors

Hex(135628)

Have a look what the booklet for  
Hex(135628) contains.

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# Color

**Hex(135628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	135628
RGB	19, 86, 40
RGB Percent	7%, 34%, 16%
CMY	0.9255, 0.6627, 0.8431
CMYK	0.78, 0.00, 0.53, 0.66
HSL	139°, 64%, 21%
HSV	139°, 78%, 34%
XYZ	3.9794, 6.9472, 3.1387
YIQ	60.7230, -25.1660, -28.5100

# Conversions

## Conversions Part 2

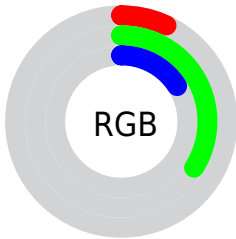
Format	Color
<b>RYB</b>	19, 70, 86
Decimal	1267240
CIELab	31.69, -31.93, 20.89
CIELCh	32, 38.157, 146.797
Yxy	6.9472, 0.2829, 0.4939
Android (android.graphics.Color)	4279457320 (0xFF135628)
YUV	60.7230, -10.2164, -36.5911
Hunter-Lab	26.3576, -19.1767, 11.3900

# Details

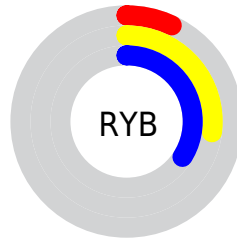
The Hex color **135628** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **561341**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **498956**, and **002800** is the 20% darker color. If you saturate the color by 10%, you get **0A5622**, and if you desaturate by 10%, it is **1C562E**.

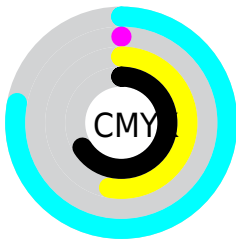
# Distribution



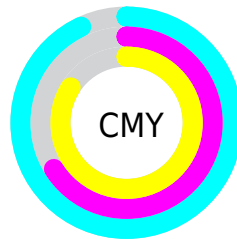
- Red (7%)
- Green (34%)
- Blue (16%)



- Red (7%)
- Yellow (27%)
- Blue (34%)



- Cyan (78%)
- Magenta (0%)
- Yellow (53%)
- Black (66%)



- Cyan (93%)
- Magenta (66%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 135628 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 135628 by changing the saturation by 10% instead.



 135628

 135628

FFFFFF

 003E12

 498956

 002800

 63A36F

 000B00

 7EBE88


 000000


 98DAA3

 B4F7BE

 D0FFDA

 EDFFF6

 135628

 135628

■ 0A5622

■ 1C562E

■ 02561C

■ 245634

■ 00561B

■ 2D563A

■ 355640

■ 3E5646

■ 47564B

■ 4F5651

■ 585657

■ 60565D

# Harmonies

## Analogous

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



3F510F



135628



005846

# Triad

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



135628



004F86



7F3131

# Complementary

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



135628



561341

# 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.



7E2E4F



135628



454480

# Square

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



135628



00567C



6C376C



733C18

# Rectangle

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



135628



00595B



6C376C



812E3B



# Sweetspot

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



135628



56705E



425613



28382D



B8B8B8



383838



# Same Dimension

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



135628



087029



135649



272B28



006B22



00EB4A



# Inverse Universe

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



561341



70084F



561320



2B272A



6B004A



EB00A1



# Previews

## White Background



This preview shows how the Hex color 135628 looks on a white background.

## Color Contrast Check

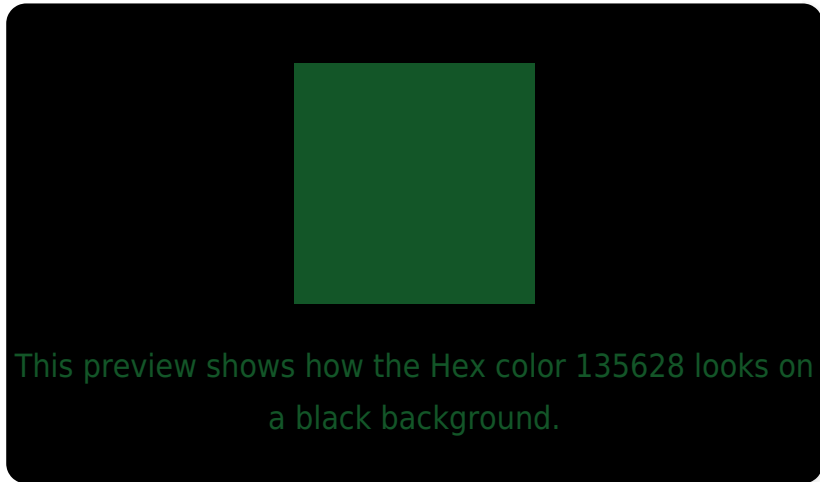
Large Text (above 18pt) WCAG AA ✓ Pass

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 135628 Background



This preview shows how black text looks on a background with the Hex color 135628.



This preview shows how white text looks on a background with the Hex color 135628.

# 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**  
135628

**Protanopia**  
524B24

**Deuteranopia**  
5A472C



**Tritanopia**  
255157

# Trichromacy



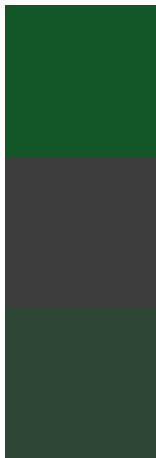
**Original Color**  
135628

**Protanomaly**  
3B4F25

**Deuteranomaly**  
404C2B

**Tritanomaly**  
1E5346

# Monochromacy



**Original Color**  
135628

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
2E4635

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 135628 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 #135628 looks like.

```
.text, #text, p{  
    color:#135628  
}
```

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 #135628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135628  
}
```

## Border

The CSS property to change the border of an element to Hex 135628 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".

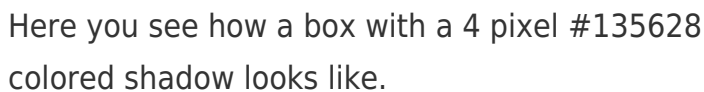
```
.border, #border, table{ border:4px solid  
#135628 }
```

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

```
.border{ border-color:#135628 }
```

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

Here you see how a box with a 4 pixel #135628 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135628; -webkit-box-shadow:4px 4px  
4px 4px #135628; box-shadow:4px 4px 4px  
4px #135628 }
```

# Background

The CSS property to change the background color of an element to Hex 135628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135628 }
```

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

```
.background{ background-color:#135628 }
```

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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