

# Converting Colors

Hex(135544)

Have a look what the booklet for  
Hex(135544) contains.

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# Color

**Hex(135544)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	135544
RGB	19, 85, 68
RGB Percent	7%, 33%, 27%
CMY	0.9255, 0.6667, 0.7333
CMYK	0.78, 0.00, 0.20, 0.67
HSL	165°, 63%, 20%
HSV	165°, 78%, 33%
XYZ	4.5604, 7.0528, 6.5898
YIQ	63.3280, -33.8790, -19.2790

# Conversions

## Conversions Part 2

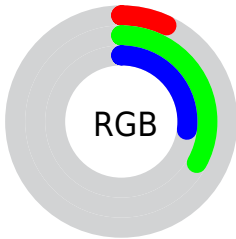
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 57, 85
Decimal	1267012
CIE Lab	31.93, -24.89, 4.11
CIE LCh	32, 25.230, 170.628
Yxy	7.0528, 0.2505, 0.3875
Android (android.graphics.Color)	4279457092 (0xFF135544)
YUV	63.3280, 2.3033, -38.8757
Hunter-Lab	26.5571, -15.8225, 3.8779

# Details

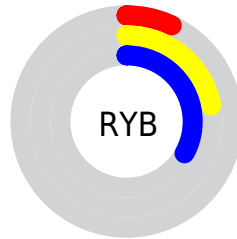
The Hex color **135544** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **551324**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **498774**, and **002719** is the 20% darker color. If you saturate the color by 10%, you get **0A5542**, and if you desaturate by 10%, it is **1C5546**.

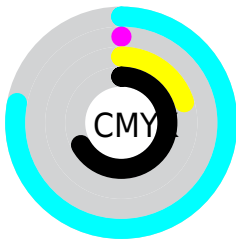
# Distribution



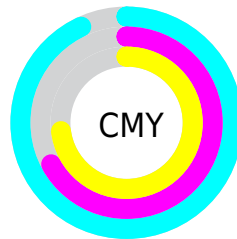
- Red (7%)
- Green (33%)
- Blue (27%)



- Red (7%)
- Yellow (22%)
- Blue (33%)



- Cyan (78%)
- Magenta (0%)
- Yellow (20%)
- Black (67%)



- Cyan (93%)
- Magenta (67%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 135544 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 135544 by changing the saturation by 10% instead.



 135544

 135544

FFFFFF

 003D2E

 498774

 002719

 63A28E

 000D00

 7EBDA8


 000000


 98D9C3

 B4F5DF

 D0FFFC

 EDFFFF

 135544

 135544

■ 0A5542

■ 1C5546

■ 025540

■ 245548

■ 00553F

■ 2D554B

■ 35554D

■ 3D554F

■ 465551

■ 4E5553

■ 575556

■ 5F5558

# Harmonies

## Analogous

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



335331



135544



005558

# Triad

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



135544



434870



6B412D

# Complementary

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



135544



551324

# 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.



713C3E



135544



5E4164

# Square

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



135544



1C4F72



6D3C52



5D4824

# Rectangle

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



135544



005464



6D3C52



6E3F32



# Sweetspot

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



135544



546E67



255513



283834



B8B8B8



383838



# Same Dimension

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



135544



086E53



134655



272B2A



006B50



00EBAE



# Inverse Universe

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



551324



6E0822



552213



2B2728



6B001C



EB003C



# Previews

## White Background



This preview shows how the Hex color 135544 looks on a white background.

## Color Contrast Check

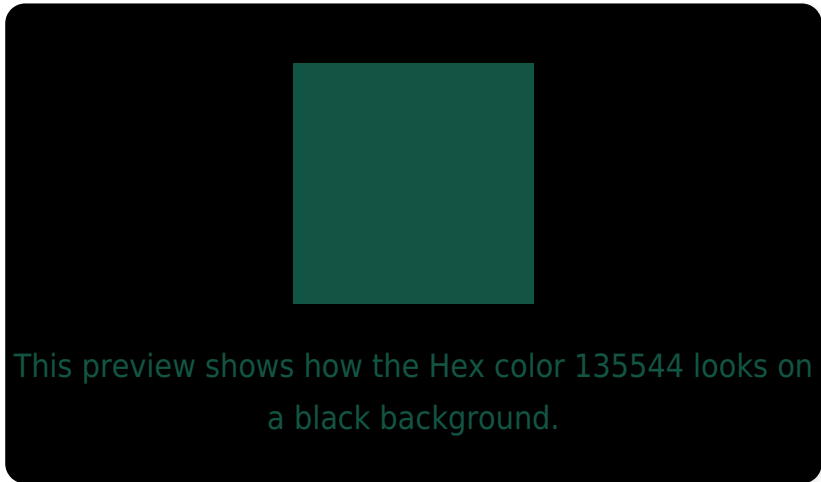
Large Text (above 18pt) WCAG AA ✓ Pass

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

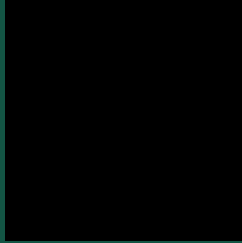
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 135544 Background



This preview shows how black text looks on a background with the Hex color 135544.



This preview shows how white text looks on a background with the Hex color 135544.

# 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**  
135544

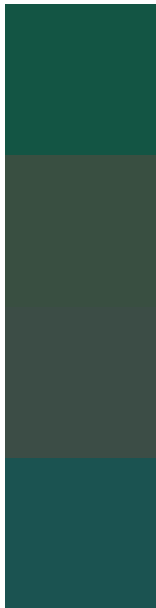
**Protanopia**  
4F4B3F

**Deuteranopia**  
544847



**Tritanopia**  
1F5259

# Trichromacy



**Original Color**  
135544

**Protanomaly**  
394F41

**Deuteranomaly**  
3C4D46

**Tritanomaly**  
1B5351

# Monochromacy



**Original Color**  
135544

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
2F4741

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 135544 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 #135544 looks like.

```
.text, #text, p{  
    color:#135544  
}
```

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 #135544 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135544
}
```

## Border

The CSS property to change the border of an element to Hex 135544 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
#135544 }
```

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

```
.border{ border-color:#135544 }
```

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

Here you see how a box with a 4 pixel #135544 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135544; -webkit-box-shadow:4px 4px  
4px 4px #135544; box-shadow:4px 4px 4px  
4px #135544 }
```

# Background

The CSS property to change the background color of an element to Hex 135544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135544 }
```

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

```
.background{ background-color:#135544 }
```

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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