

# Converting Colors

Hex(134D56)

Have a look what the booklet for  
Hex(134D56) contains.

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# Color

Hex(134D56)

# Conversions

## Conversions Part 1

Format	Color
Hex	134D56
RGB	19, 77, 86
RGB Percent	7%, 30%, 34%
CMY	0.9255, 0.6980, 0.6627
CMYK	0.78, 0.10, 0.00, 0.66
HSL	188°, 64%, 21%
HSV	188°, 78%, 34%
XYZ	4.6022, 6.1181, 9.7424
YIQ	60.6840, -37.4570, -9.4970

# Conversions

## Conversions Part 2

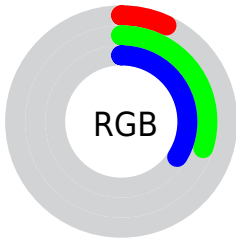
Format	Color
<b>RYB</b>	19, 50, 86
Decimal	1264982
CIELab	29.71, -14.78, -10.65
CIELCh	30, 18.214, 215.767
Yxy	6.1181, 0.2249, 0.2990
Android (android.graphics.Color)	4279455062 (0xFF134D56)
YUV	60.6840, 12.4808, -36.5569
Hunter-Lab	24.7348, -10.0741, -6.0386

# Details

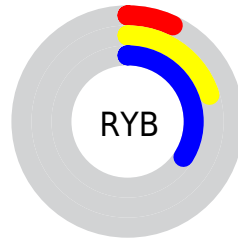
The Hex color **134D56** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **561C13**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4A7E88**, and **002129** is the 20% darker color. If you saturate the color by 10%, you get **0A4C56**, and if you desaturate by 10%, it is **1C4E56**.

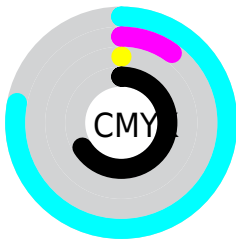
# Distribution



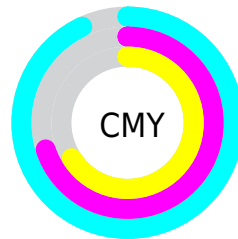
- Red (7%)
- Green (30%)
- Blue (34%)



- Red (7%)
- Yellow (20%)
- Blue (34%)



- Cyan (78%)
- Magenta (10%)
- Yellow (0%)
- Black (66%)



- Cyan (93%)
- Magenta (70%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 134D56 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 134D56 by changing the saturation by 10% instead.



134D56

134D56

FFFFFF

00363F

4A7E88

002129

6498A2

000115

7EB3BD

000000

99CED9

B5EBF5

D1FFFF

EEFFFF

134D56

134D56

■ 0A4C56

■ 1C4E56

■ 024B56

■ 244F56

■ 004A56

■ 2D5056

■ 355256

■ 3E5356

■ 475456

■ 4F5556

■ 585656

■ 605756

# Harmonies

## Analogous

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



1C4E48



134D56



204B5F

# Triad

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



134D56



5A3D52



4D462A

# Complementary

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



134D56



561C13

# 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.



59412D



134D56



613B44

# Square

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



134D56



4B415D



613D36



3E4A2F

# Rectangle

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



134D56



2F4862



613D36



51442A



# Sweetspot

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



134D56



566D70



13561C



283638



B8B8B8



383838



# Same Dimension

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



134D56



086270



132C56



272B2B



005D6B



00CBEB



# Inverse Universe

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



56134D



700862



563D13



2B272B



6B005D

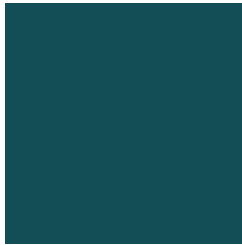


EB00CB



# Previews

## White Background



This preview shows how the Hex color 134D56 looks on a white background.

## Color Contrast Check

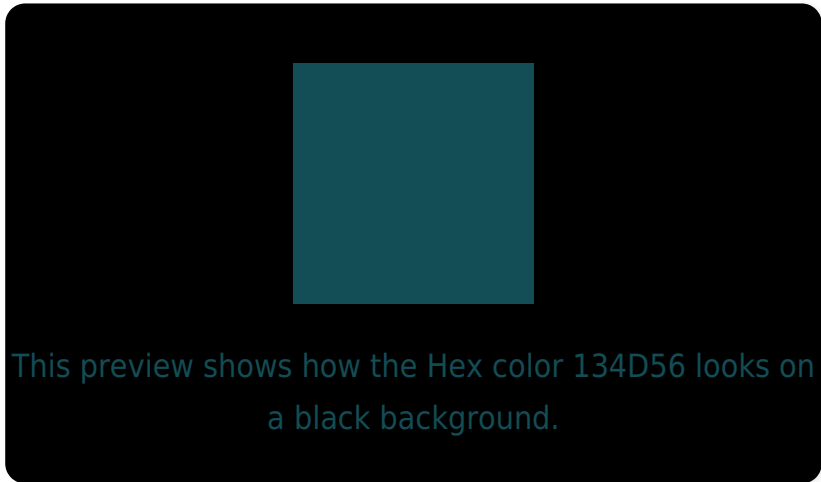
Large Text (above 18pt) WCAG AA ✓ Pass

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

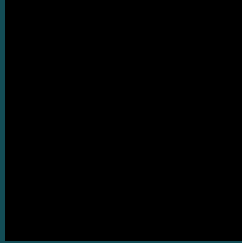
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 134D56 Background



This preview shows how black text looks on a background with the Hex color 134D56.

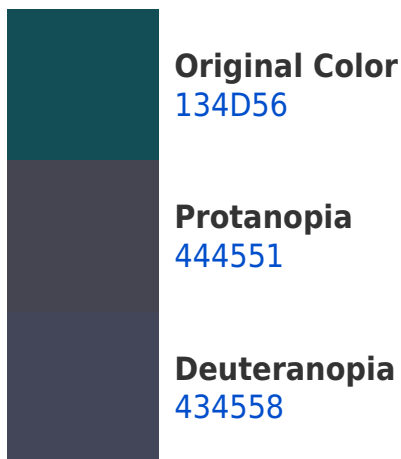


This preview shows how white text looks on a background with the Hex color 134D56.

# 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](#).

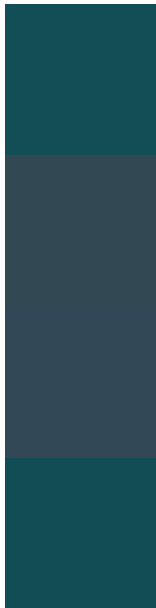
## Dichromacy





**Tritanopia**  
114D54

# Trichromacy



**Original Color**  
134D56

**Protanomaly**  
324853

**Deuteranomaly**  
324857

**Tritanomaly**  
124D55

# Monochromacy



**Original Color**  
134D56

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
2E4346

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 134D56 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 #134D56 looks like.

```
.text, #text, p{  
    color:#134D56  
}
```

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 #134D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #134D56
}
```

## Border

The CSS property to change the border of an element to Hex 134D56 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
#134D56 }
```

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

```
.border{ border-color:#134D56 }
```

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

Here you see how a box with a 4 pixel #134D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #134D56; -webkit-box-shadow:4px 4px  
4px 4px #134D56; box-shadow:4px 4px 4px  
4px #134D56 }
```

# Background

The CSS property to change the background color of an element to Hex 134D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#134D56 }
```

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

```
.background{ background-color:#134D56 }
```

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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