

Converting Colors

Hex(134253)

Have a look what the booklet for
Hex(134253) contains.

Hex(134253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(134253)

Conversions

Conversions Part 1

Format	Color
Hex	134253
RGB	19, 66, 83
RGB Percent	7%, 26%, 33%
CMY	0.9255, 0.7412, 0.6745
CMYK	0.77, 0.20, 0.00, 0.67
HSL	196°, 63%, 20%
HSV	196°, 77%, 33%
XYZ	3.7781, 4.6594, 8.8838
YIQ	53.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

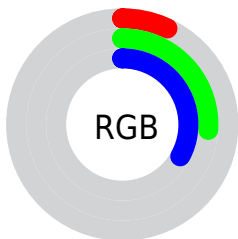
Format	Color
R _Y B	19, 46, 83
Decimal	1262163
CIE Lab	25.74, -9.28, -14.78
CIE LCh	26, 17.449, 237.871
Yxy	4.6594, 0.2181, 0.2690
Android (android.graphics.Color)	4279452243 (0xFF134253)
YUV	53.8850, 14.3537, -30.5941
Hunter-Lab	21.5857, -6.5323, -9.2916

Details

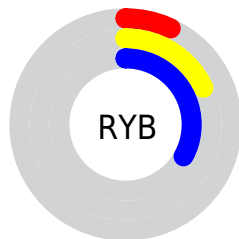
The Hex color **134253** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **532413**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **487285**, and **001826** is the 20% darker color. If you saturate the color by 10%, you get **0B4053**, and if you desaturate by 10%, it is **1B4453**.

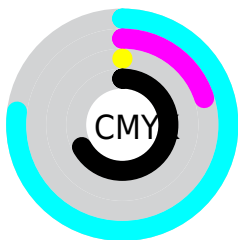
Distribution



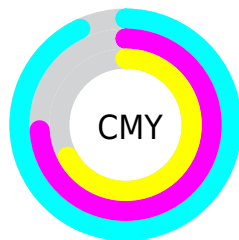
- Red (7%)
- Green (26%)
- Blue (33%)



- Red (7%)
- Yellow (18%)
- Blue (33%)



- Cyan (77%)
- Magenta (20%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 134253 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 134253 by changing the saturation by 10% instead.

■ 134253

■ 134253

FFFFFF

■ 002C3C

■ 487285

■ 001826

■ 628B9F

■ 000111

■ 7CA6BA

■ 000000

■ 97C1D5

■ B2DDF2

■ CEF9FF

■ EBFFFF

■ 134253

■ 134253

■ 0B4053

■ 1B4453

■ 023E53

■ 244653

■ 003D53

■ 2C4953

■ 344B53

■ 3D4D53

■ 454F53

■ 4D5153

■ 555453

■ 5E5653

Harmonies

Analogous

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



0A4449



134253



293F57

Triad

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



134253



55333E



394025

Complementary

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



134253



532413

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.



473C22



134253



573431

Square

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



134253



4D354B



513727



29432E

Rectangle

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



134253



373C56



513727



3E3F23

Sweetspot

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



134253



52656B



135323



273236



B5B5B5



363636

Same Dimension

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



134253



07516B



132353



252829



004D69



00AAE8

Inverse Universe

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



531342



6B0751



534313



292528



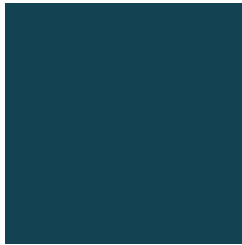
69004D



E800AA

Previews

White Background



This preview shows how the Hex color 134253 looks on a white background.

Color Contrast Check

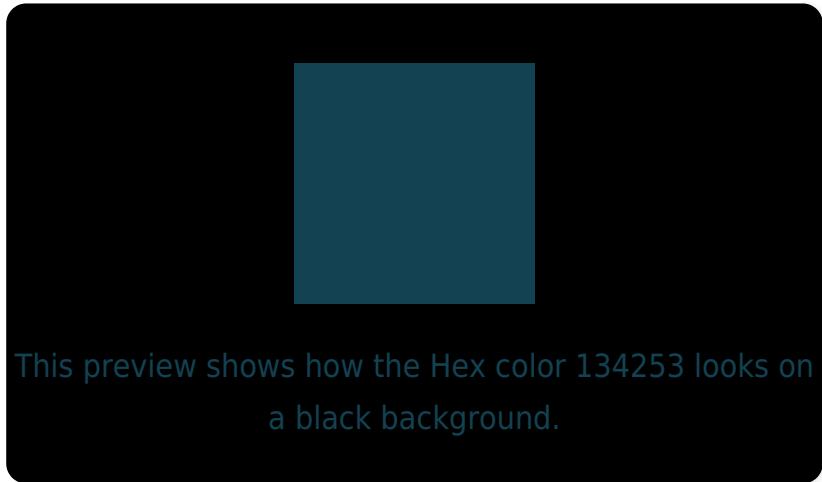
Large Text (above 18pt) WCAG AA ✓ Pass

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

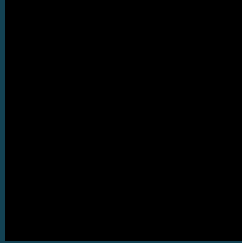
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

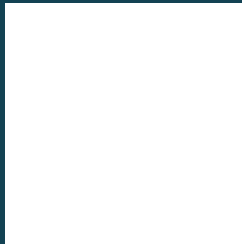
Any Text WCAG AAA × Fail

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

Hex 134253 Background



This preview shows how black text looks on a background with the Hex color 134253.



This preview shows how white text looks on a background with the Hex color 134253.

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
134253

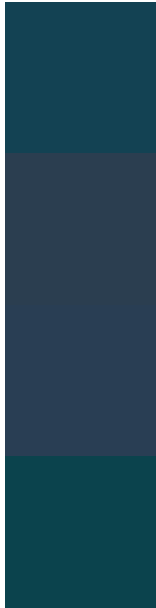
Protanopia
383C4F

Deuteranopia
353C54



Tritanopia
074449

Trichromacy



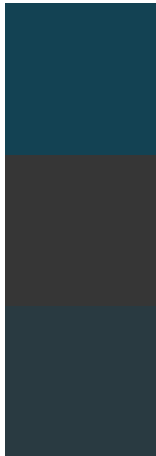
Original Color
134253

Protanomaly
2B3E50

Deuteranomaly
293E54

Tritanomaly
0B434D

Monochromacy



Original Color
134253

Achromatopsia
363636

Achromatomaly
293A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 134253 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 #134253 looks like.

```
.text, #text, p{  
    color:#134253  
}
```

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 #134253 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #134253
}
```

Border

The CSS property to change the border of an element to Hex 134253 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".

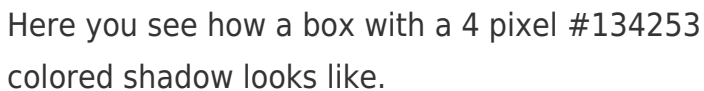
```
.border, #border, table{ border:4px solid
#134253 }
```

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

```
.border{ border-color:#134253 }
```

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

Here you see how a box with a 4 pixel #134253 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #134253; -webkit-box-shadow:4px 4px  
4px 4px #134253; box-shadow:4px 4px 4px  
4px #134253 }
```

Background

The CSS property to change the background color of an element to Hex 134253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#134253 }
```

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

```
.background{ background-color:#134253 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor