

Converting Colors

Hex(133640)

Have a look what the booklet for
Hex(133640) contains.

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Color

Hex(133640)

Conversions

Conversions Part 1

Format	Color
Hex	133640
RGB	19, 54, 64
RGB Percent	7%, 21%, 25%
CMY	0.9255, 0.7882, 0.7490
CMYK	0.70, 0.16, 0.00, 0.75
HSL	193°, 54%, 16%
HSV	193°, 70%, 25%
XYZ	2.5131, 3.1469, 5.3255
YIQ	44.6750, -24.0700, -4.3100

Conversions

Conversions Part 2

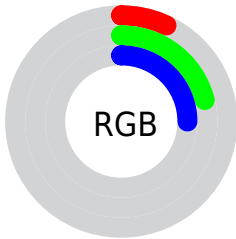
Format	Color
RYB	19, 39, 64
Decimal	1259072
CIELab	20.62, -8.90, -10.00
CIELCh	21, 13.386, 228.324
Yxy	3.1469, 0.2288, 0.2865
Android (android.graphics.Color)	4279449152 (0xFF133640)
YUV	44.6750, 9.5272, -22.5170
Hunter-Lab	17.7396, -5.7566, -5.3812

Details

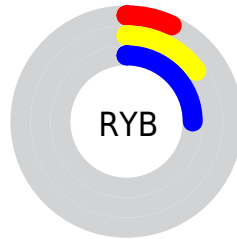
The Hex color **133640** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401D13**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **446570**, and **000516** is the 20% darker color. If you saturate the color by 10%, you get **0D3540**, and if you desaturate by 10%, it is **193740**.

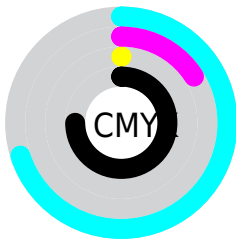
Distribution



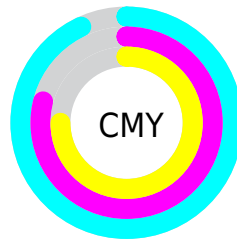
- Red (7%)
- Green (21%)
- Blue (25%)



- Red (7%)
- Yellow (15%)
- Blue (25%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (75%)



- Cyan (93%)
- Magenta (79%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133640 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 133640 by changing the saturation by 10% instead.

■ 133640

■ 133640

FFFFFF

■ 00212A

■ 446570

■ 000516

■ 5C7E89

■ 000000

■ 7698A3

■ 90B2BE

■ ABCEDA

■ C6EAF7

■ E3FFFF

■ 133640

■ 133640

■ 0D3540

■ 193740

■ 063340

■ 203940

■ 003240

■ 263A40

■ 2D3C40

■ 333D40

■ 393F40

■ 404040

■ 464140

■ 4D4340

Harmonies

Analogous

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



123737



133640



1F3445

Triad

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



133640



432B36



32331F

Complementary

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



133640



401D13

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.



3C301F



133640



452A2C

Square

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



133640



3A2D3F



432D23



273524

Rectangle

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



133640



293245



432D23



36321E

Sweetspot

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



133640



425054



13401D



21292B



ABABAB



2B2B2B

Same Dimension

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



133640



0D4454



132040



1E2021



004B61



00AFE0

Inverse Universe

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



401336



540D44



403313



211E20



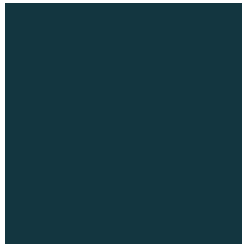
61004B



E000AF

Previews

White Background



This preview shows how the Hex color 133640 looks on a white background.

Color Contrast Check

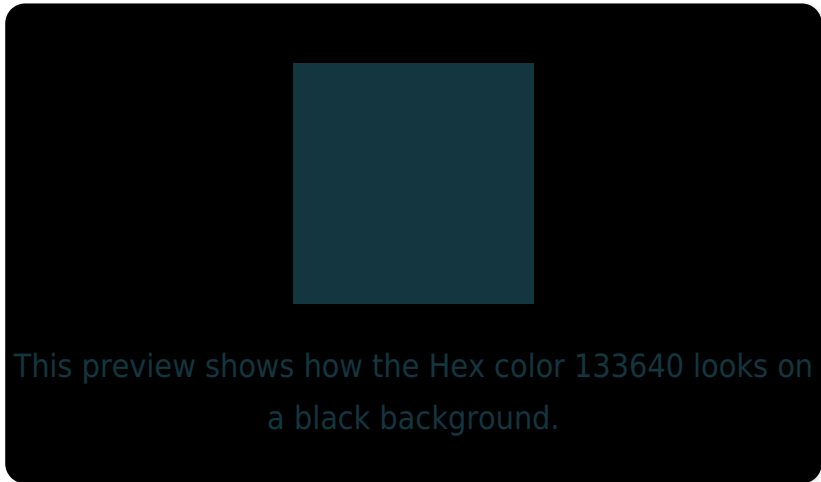
Large Text (above 18pt) WCAG AA ✓ Pass

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

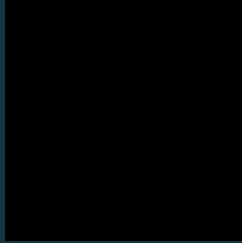
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

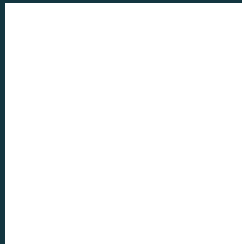
Any Text WCAG AAA × Fail

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

Hex 133640 Background



This preview shows how black text looks on a background with the Hex color 133640.



This preview shows how white text looks on a background with the Hex color 133640.

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
133640

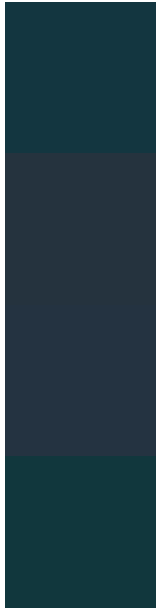
Protanopia
2F313D

Deuteranopia
2E3141



Tritanopia
10373B

Trichromacy



Original Color
133640

Protanomaly
25333E

Deuteranomaly
243341

Tritanomaly
11373D

Monochromacy



Original Color
133640

Achromatopsia
2D2D2D

Achromatomaly
243034

CSS Examples

Text

The CSS property to change the color of the text to Hex 133640 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 #133640 looks like.

```
.text, #text, p{  
    color:#133640  
}
```

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 #133640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133640
}
```

Border

The CSS property to change the border of an element to Hex 133640 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
#133640 }
```

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

```
.border{ border-color:#133640 }
```

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

Here you see how a box with a 4 pixel #133640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133640; -webkit-box-shadow:4px 4px  
4px 4px #133640; box-shadow:4px 4px 4px  
4px #133640 }
```

Background

The CSS property to change the background color of an element to Hex 133640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133640 }
```

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

```
.background{ background-color:#133640 }
```

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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