

Converting Colors

Hex(133960)

Have a look what the booklet for
Hex(133960) contains.

Hex(133960)	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(133960)

Conversions

Conversions Part 1

Format	Color
Hex	133960
RGB	19, 57, 96
RGB Percent	7%, 22%, 38%
CMY	0.9255, 0.7765, 0.6235
CMYK	0.80, 0.41, 0.00, 0.62
HSL	210°, 67%, 23%
HSV	210°, 80%, 38%
XYZ	3.8430, 3.9092, 11.6183
YIQ	50.0840, -35.1670, 4.0730

Conversions

Conversions Part 2

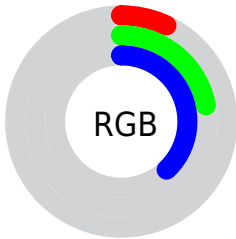
Format	Color
R_{YB}	19, 44, 96
Decimal	1259872
CIE _{Lab}	23.37, 1.92, -26.98
CIE _{LCh}	23, 27.052, 274.065
Yxy	3.9092, 0.1984, 0.2018
Android (android.graphics.Color)	4279449952 (0xFF133960)
YUV	50.0840, 22.6366, -27.2607
Hunter-Lab	19.7718, 0.0941, -20.9999

Details

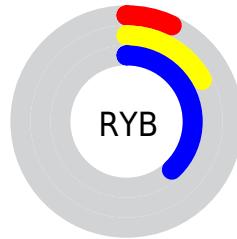
The Hex color **133960** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **603A13**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **4A6893**, and **000E31** is the 20% darker color. If you saturate the color by 10%, you get **093460**, and if you desaturate by 10%, it is **1D3E60**.

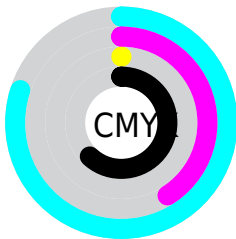
Distribution



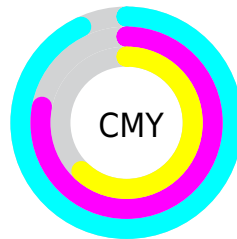
- Red (7%)
- Green (22%)
- Blue (38%)



- Red (7%)
- Yellow (17%)
- Blue (38%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (62%)



- Cyan (93%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 133960 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 133960 by changing the saturation by 10% instead.

■ 133960

■ 133960

FFFFFF

■ 002448

■ 4A6893

■ 000E31

■ 6581AE

■ 00011C

■ 7F9BC9

■ 000000

■ 9AB5E5

■ B6D1FF

■ D2EDFF

■ EFFFFFF

■ 133960

■ 133960

■ 093460

■ 1D3E60

■ 002F60

■ 264360

■ 304860

■ 394C60

■ 435160

■ 4D5660

■ 565B60

■ 606060

■ 696560

Harmonies

Analogous

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



003E5C



133960



3C3159

Triad

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



133960



5B2922



0C4025

Complementary

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



133960



603A13

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.



2B3D14



133960



513013

Square

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



133960



5C2536



40380D



00423A

Rectangle

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



133960



4D2C50



40380D



193F1F

Sweetspot

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



133960



5F6E7D



13603A



2D3640



BFBFBF



404040

Same Dimension

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



133960



05407D



131360



2C2E30



003770



0076F0

Inverse Universe

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



601339



7D0540



606013



302C2E



700037



F00076

Previews

White Background



This preview shows how the Hex color 133960 looks on a white background.

Color Contrast Check

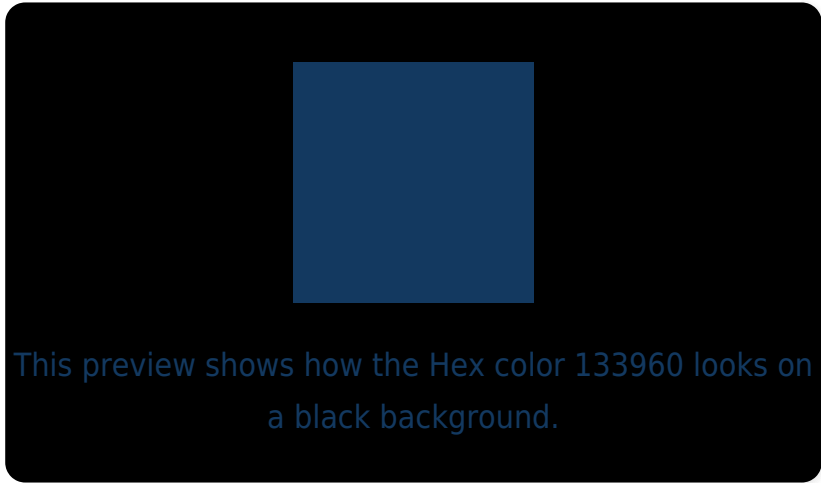
Large Text (above 18pt) WCAG AA ✓ Pass

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

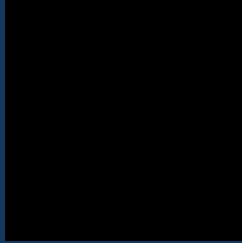
Any Text WCAG AA × Fail

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 133960 Background



This preview shows how black text looks on a background with the Hex color 133960.



This preview shows how white text looks on a background with the Hex color 133960.

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
133960

Protanopia
27365E

Deuteranopia
193860



Tritanopia
003E43

Trichromacy



Original Color
133960

Protanomaly
20375F

Deuteranomaly
173860

Tritanomaly
073C4E

Monochromacy



Original Color
133960

Achromatopsia
323232

Achromatomaly
273543

CSS Examples

Text

The CSS property to change the color of the text to Hex 133960 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 #133960 looks like.

```
.text, #text, p{  
    color:#133960  
}
```

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 #133960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #133960
}
```

Border

The CSS property to change the border of an element to Hex 133960 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
#133960 }
```

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

```
.border{ border-color:#133960 }
```

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

Here you see how a box with a 4 pixel #133960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #133960; -webkit-box-shadow:4px 4px  
4px 4px #133960; box-shadow:4px 4px 4px  
4px #133960 }
```

Background

The CSS property to change the background color of an element to Hex 133960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#133960 }
```

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

```
.background{ background-color:#133960 }
```

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