

Converting Colors

Hex(131A53)

Have a look what the booklet for
Hex(131A53) contains.

Hex(131A53)	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(131A53)

Conversions

Conversions Part 1

Format	Color
Hex	131A53
RGB	19, 26, 83
RGB Percent	7%, 10%, 33%
CMY	0.9255, 0.8980, 0.6745
CMYK	0.77, 0.69, 0.00, 0.67
HSL	233°, 63%, 20%
HSV	233°, 77%, 33%
XYZ	2.1993, 1.5018, 8.3576
YIQ	30.4050, -22.4690, 16.2430

Conversions

Conversions Part 2

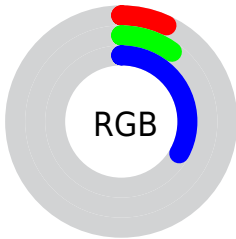
Format	Color
R_{YB}	19, 25, 83
Decimal	1251923
CIE _{Lab}	12.62, 19.12, -35.65
CIE _{LCh}	13, 40.457, 298.204
Yxy	1.5018, 0.1824, 0.1245
Android (android.graphics.Color)	4279442003 (0xFF131A53)
YUV	30.4050, 25.9293, -10.0022
Hunter-Lab	12.2547, 10.5889, -31.8569

Details

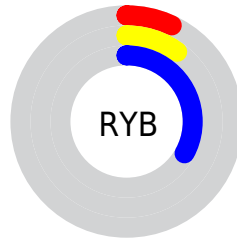
The Hex color **131A53** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **534C13**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **494585**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **0B1353**, and if you desaturate by 10%, it is **1B2153**.

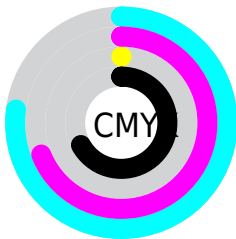
Distribution



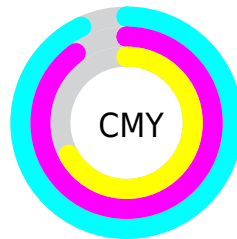
- Red (7%)
- Green (10%)
- Blue (33%)



- Red (7%)
- Yellow (10%)
- Blue (33%)



- Cyan (77%)
- Magenta (69%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (90%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 131A53 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 131A53 by changing the saturation by 10% instead.

■ 131A53

■ 131A53

■ FFFDFF

■ 00003C

■ 494585

■ 000225

■ 625DA0

■ 00010D

■ 7D75BB

■ 000000

■ 978FD7

■ B3A9F3

■ CFC5FF

■ ECE1FF

■ 131A53

■ 131A53

■ 0B1353

■ 1B2153

■ 020B53

■ 242953

■ 000953

■ 2C3053

■ 343853

■ 3D3F53

■ 454653

■ 4D4E53

■ 555553

■ 5E5D53

Harmonies

Analogous

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



00255A



131A53



3F043F

Triad

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



131A53



401200



002C1E

Complementary

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



131A53



534C13

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.



002A00



131A53



2B1F00

Square

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



131A53



4D0002



0F2600



002C3B

Rectangle

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



131A53



4B002D



0F2600



002C14

Sweetspot

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



131A53



52556B



13534C



272836



B5B5B5



363636

Same Dimension

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



131A53



07126B



2C1353



252529



000B69



0019E8

Inverse Universe

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



53131A



6B0712



3A5313



292525



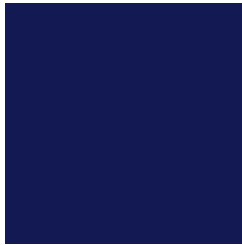
69000B



E80019

Previews

White Background



This preview shows how the Hex color 131A53 looks on a white background.

Color Contrast Check

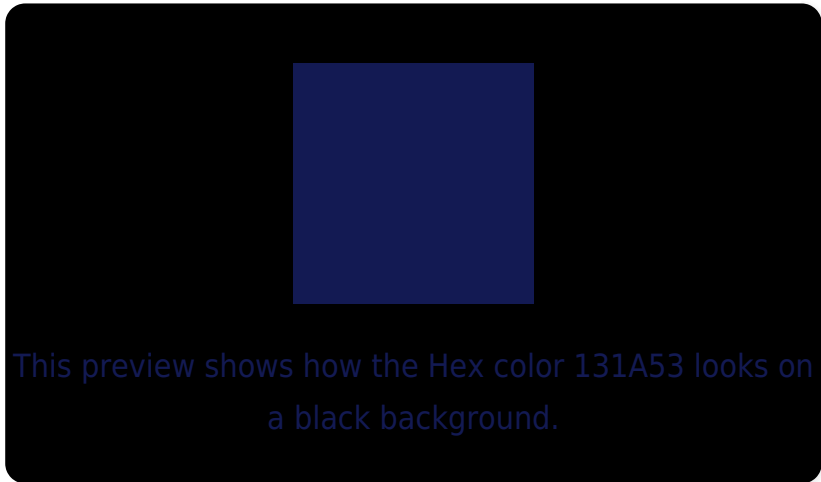
Large Text (above 18pt) WCAG AA ✓ Pass

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

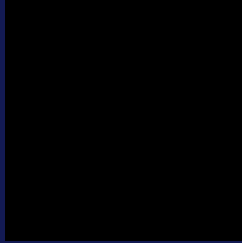
Any Text WCAG AA × Fail

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 131A53 Background



This preview shows how black text looks on a background with the Hex color 131A53.



This preview shows how white text looks on a background with the Hex color 131A53.

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

131A53

Protanopia

002044

Deuteranopia

00223A

Trichromacy



Original Color
131A53

Protanomaly
071E49

Deuteranomaly
071F43

Tritanomaly
072137

Monochromacy



Original Color
131A53

Achromatopsia
1E1E1E

Achromatomaly
1A1D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 131A53 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 #131A53 looks like.

```
.text, #text, p{  
    color:#131A53  
}
```

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 #131A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #131A53
}
```

Border

The CSS property to change the border of an element to Hex 131A53 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
#131A53 }
```

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

```
.border{ border-color:#131A53 }
```

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

Here you see how a box with a 4 pixel #131A53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #131A53; -webkit-box-shadow:4px 4px  
4px 4px #131A53; box-shadow:4px 4px 4px  
4px #131A53 }
```

Background

The CSS property to change the background color of an element to Hex 131A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#131A53 }
```

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

```
.background{ background-color:#131A53 }
```

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