

Converting Colors

Hex(130F53)

Have a look what the booklet for
Hex(130F53) contains.

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Color

Hex(130F53)

Conversions

Conversions Part 1

Format	Color
Hex	130F53
RGB	19, 15, 83
RGB Percent	7%, 6%, 33%
CMY	0.9255, 0.9412, 0.6745
CMYK	0.77, 0.82, 0.00, 0.67
HSL	244°, 69%, 19%
HSV	244°, 82%, 33%
XYZ	2.0007, 1.1046, 8.2914
YIQ	23.9480, -19.4440, 21.9960

Conversions

Conversions Part 2

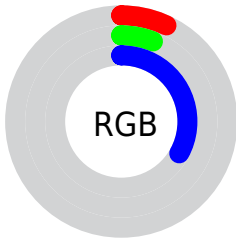
Format	Color
RYB	19, 15, 83
Decimal	1249107
CIELab	9.83, 26.70, -40.23
CIELCh	10, 48.284, 303.572
Yxy	1.1046, 0.1756, 0.0969
Android (android.graphics.Color)	4279439187 (0xFF130F53)
YUV	23.9480, 29.1126, -4.3394
Hunter-Lab	10.5101, 15.5867, -39.4164

Details

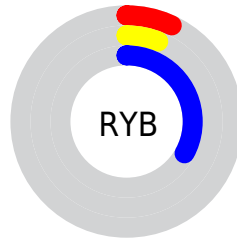
The Hex color **130F53** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4F530F**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **4A3A85**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **0B0753**, and if you desaturate by 10%, it is **1B1753**.

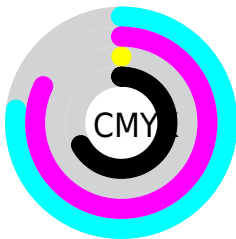
Distribution



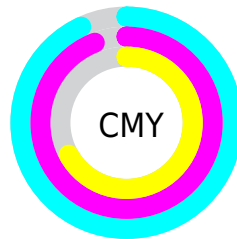
- Red (7%)
- Green (6%)
- Blue (33%)



- Red (7%)
- Yellow (6%)
- Blue (33%)



- Cyan (77%)
- Magenta (82%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (94%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 130F53 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 130F53 by changing the saturation by 10% instead.

 130F53

 130F53

 FFF0FF

 00003C

 4A3A85

 000225

 6451A0

 00010D

 7E6ABB

 000000

 9983D7

 B59DF4

 D1B8FF

 EED4FF

 130F53

 130F53

■ 0B0753

■ 1B1753

■ 050053

■ 232053

■ 2A2853

■ 323053

■ 3A3953

■ 424153

■ 4A4953

■ 515153

■ 595A53

Harmonies

Analogous

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



00205E



130F53



420039

Triad

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



130F53



390B00



00281E

Complementary

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



130F53



4F530F

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.



002700



130F53



201C00

Square

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



130F53



4A0000



002300



00293F

Rectangle

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



130F53



4D0024



002300



002813

Sweetspot

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



130F53



52506B



0F5053



262536



B5B5B5



363636

Same Dimension

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



130F53



08026B



340F53



252529



060069



0E00E8

Inverse Universe

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



530F4F



6B0265



2E530F



292529



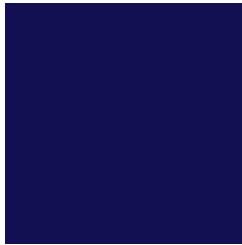
690062



E800DA

Previews

White Background



This preview shows how the Hex color 130F53 looks on a white background.

Color Contrast Check

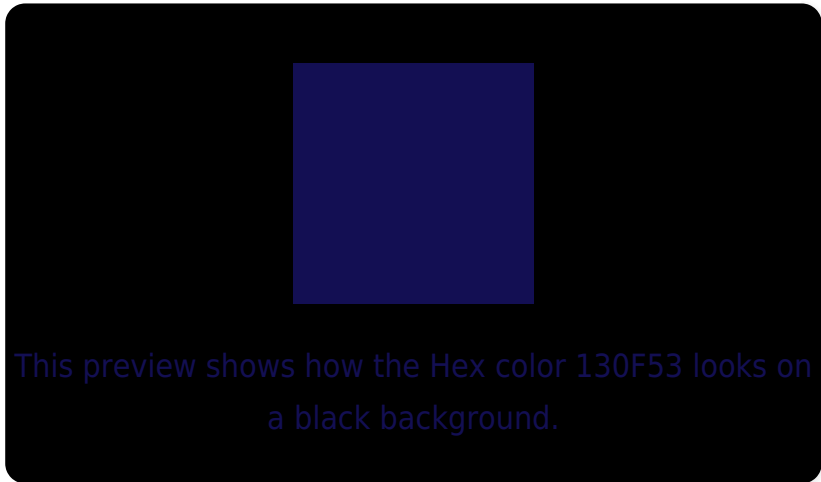
Large Text (above 18pt) WCAG AA ✓ Pass

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

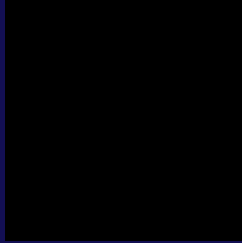
Any Text WCAG AA × Fail

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 130F53 Background



This preview shows how black text looks on a background with the Hex color 130F53.



This preview shows how white text looks on a background with the Hex color 130F53.

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
130F53

Protanopia
001C3A

Deuteranopia
001E32

Trichromacy



Original Color
130F53

Protanomaly
071743

Deuteranomaly
07193E

Tritanomaly
071A34

Monochromacy



Original Color
130F53

Achromatopsia
181818

Achromatomaly
16152D

CSS Examples

Text

The CSS property to change the color of the text to Hex 130F53 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 #130F53 looks like.

```
.text, #text, p{  
    color:#130F53  
}
```

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 #130F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130F53  
}
```

Border

The CSS property to change the border of an element to Hex 130F53 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".

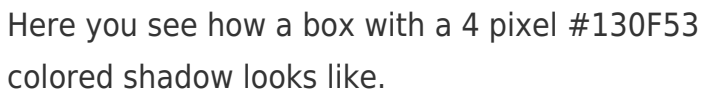
```
.border, #border, table{ border:4px solid  
#130F53 }
```

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

```
.border{ border-color:#130F53 }
```

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

Here you see how a box with a 4 pixel #130F53 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130F53; -webkit-box-shadow:4px 4px  
4px 4px #130F53; box-shadow:4px 4px 4px  
4px #130F53 }
```

Background

The CSS property to change the background color of an element to Hex 130F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130F53 }
```

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

```
.background{ background-color:#130F53 }
```

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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