

Converting Colors

Hex(121551)

Have a look what the booklet for
Hex(121551) contains.

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Color

Hex(121551)

Conversions

Conversions Part 1

Format	Color
Hex	121551
RGB	18, 21, 81
RGB Percent	7%, 8%, 32%
CMY	0.9294, 0.9176, 0.6824
CMYK	0.78, 0.74, 0.00, 0.68
HSL	237°, 64%, 19%
HSV	237°, 78%, 32%
XYZ	2.0028, 1.2590, 7.9220
YIQ	26.9430, -21.0480, 18.0240

Conversions

Conversions Part 2

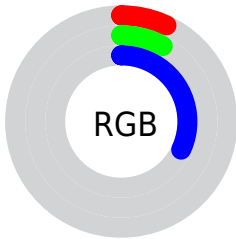
Format	Color
R_{YB}	18, 21, 81
Decimal	1185105
CIE _{Lab}	10.99, 21.79, -36.97
CIE _{LCh}	11, 42.909, 300.512
Yxy	1.2590, 0.1791, 0.1126
Android (android.graphics.Color)	4279375185 (0xFF121551)
YUV	26.9430, 26.6501, -7.8430
Hunter-Lab	11.2206, 12.2255, -34.0060

Details

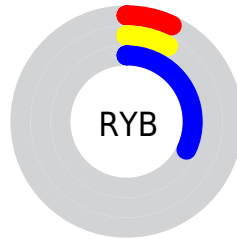
The Hex color **121551** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **514E12**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **484083**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **0A0D51**, and if you desaturate by 10%, it is **1A1D51**.

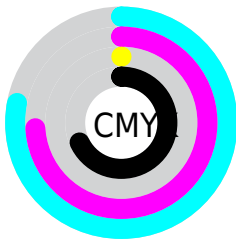
Distribution



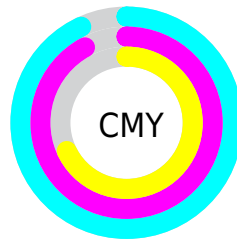
- Red (7%)
- Green (8%)
- Blue (32%)



- Red (7%)
- Yellow (8%)
- Blue (32%)



- Cyan (78%)
- Magenta (74%)
- Yellow (0%)
- Black (68%)



- Cyan (93%)
- Magenta (92%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 121551 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 121551 by changing the saturation by 10% instead.

■ 121551

■ 121551

■ FFF7FF

■ 00003A

■ 484083

■ 000223

■ 62579E

■ 00000A

■ 7C70B9

■ 000000

■ 9789D5

■ B2A3F1

■ CEBEFF

■ EBD AFF

■ 121551

■ 121551

■ 0A0D51

■ 1A1D51

■ 020651

■ 222451

■ 000451

■ 2A2C51

■ 323451

■ 3A3C51

■ 434351

■ 4B4B51

■ 535351

■ 5B5A51

Harmonies

Analogous

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



002259



121551



3F003B

Triad

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



121551



3C0E00



002A1D

Complementary

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



121551



514E12

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.



002800



121551



261D00

Square

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



121551



4A0000



032400



002A3B

Rectangle

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



121551



4A0028



032400



002A12

Sweetspot

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



121551



515269



12514E



272736



B5B5B5



363636

Same Dimension

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



121551



070C69



2E1251



252529



000569



000BE8

Inverse Universe

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



511215



69070C



355112



292525



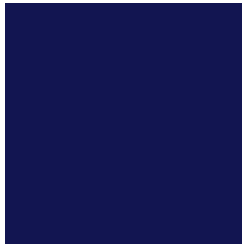
690005



E8000B

Previews

White Background



This preview shows how the Hex color 121551 looks on a white background.

Color Contrast Check

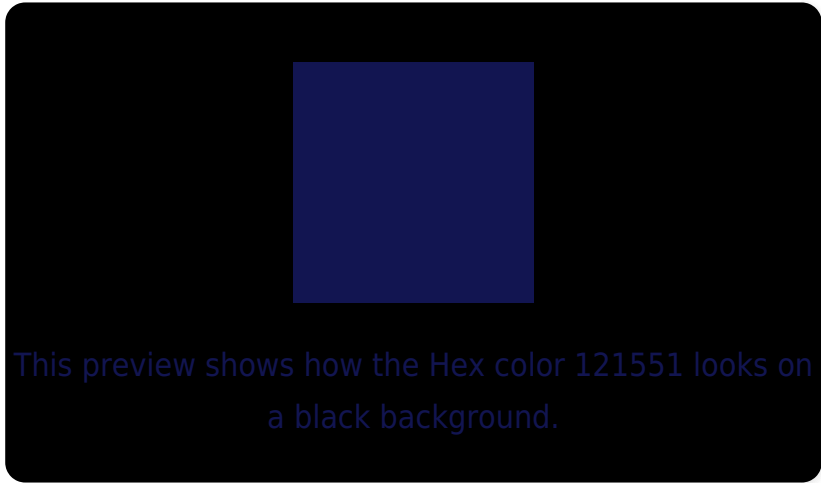
Large Text (above 18pt) WCAG AA ✓ Pass

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

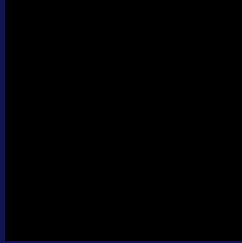
Any Text WCAG AA × Fail

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 121551 Background



This preview shows how black text looks on a background with the Hex color 121551.



This preview shows how white text looks on a background with the Hex color 121551.

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
121551

Protanopia
001D3E

Deuteranopia
001F35

Trichromacy



Original Color

121551

Protanomaly

071A45

Deuteranomaly

071B3F

Tritanomaly

071D34

Monochromacy



Original Color

121551

Achromatopsia

1B1B1B

Achromatomaly

18192F

CSS Examples

Text

The CSS property to change the color of the text to Hex 121551 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 #121551 looks like.

```
.text, #text, p{  
    color:#121551  
}
```

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 #121551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #121551
}
```

Border

The CSS property to change the border of an element to Hex 121551 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
#121551 }
```

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

```
.border{ border-color:#121551 }
```

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

Here you see how a box with a 4 pixel #121551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #121551; -webkit-box-shadow:4px 4px  
4px 4px #121551; box-shadow:4px 4px 4px  
4px #121551 }
```

Background

The CSS property to change the background color of an element to Hex 121551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#121551 }
```

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

```
.background{ background-color:#121551 }
```

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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