

# Converting Colors

Hex(153050)

Have a look what the booklet for  
Hex(153050) contains.

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# Color

**Hex(153050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	153050
RGB	21, 48, 80
RGB Percent	8%, 19%, 31%
CMY	0.9176, 0.8118, 0.6863
CMYK	0.74, 0.40, 0.00, 0.69
HSL	213°, 58%, 20%
HSV	213°, 74%, 31%
XYZ	2.8142, 2.8525, 7.9917
YIQ	43.5750, -26.3640, 4.2280

# Conversions

## Conversions Part 2

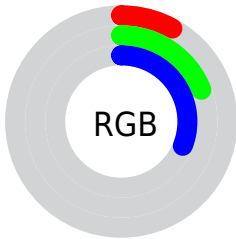
Format	Color
<b>R<sub>YB</sub></b>	21, 40, 80
Decimal	1388624
CIE <sub>Lab</sub>	19.44, 1.91, -22.63
CIE <sub>LCh</sub>	19, 22.709, 274.824
Yxy	2.8525, 0.2060, 0.2088
Android (android.graphics.Color)	4279578704 (0xFF153050)
YUV	43.5750, 17.9575, -19.7983
Hunter-Lab	16.8894, 0.1859, -16.2321

# Details

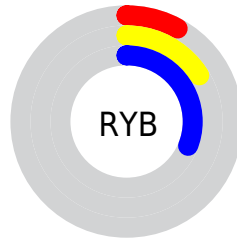
The Hex color **153050** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **503515**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **485E81**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **0D2C50**, and if you desaturate by 10%, it is **1D3450**.

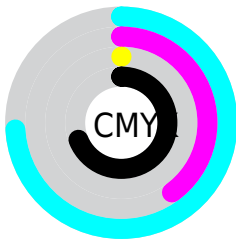
# Distribution



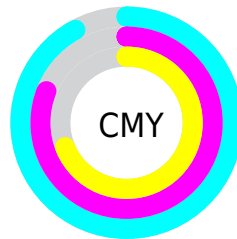
- Red (8%)
- Green (19%)
- Blue (31%)



- Red (8%)
- Yellow (16%)
- Blue (31%)



- Cyan (74%)
- Magenta (40%)
- Yellow (0%)
- Black (69%)



- Cyan (92%)
- Magenta (81%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 153050 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 153050 by changing the saturation by 10% instead.



■ 153050

■ 153050

FFFFFF

■ 001B39

■ 485E81

■ 000223

■ 61769C

■ 00000B

■ 7B90B7

■ 000000

■ 95AAD2

■ B1C6EF

■ CDE1FF

■ E9FEFF

■ 153050

■ 153050

■ 0D2C50

■ 1D3450

■ 052750

■ 253950

■ 002550

■ 2D3D50

■ 354150

■ 3D4650

■ 454A50

■ 4D4E50

■ 555350

■ 5D5750

# Harmonies

## Analogous

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



00354D



153050



342A4A

# Triad

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



153050



4C231D



0D3620

# Complementary

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



153050



503515

# 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.



253413



153050



442911

# Square

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



153050



4D212D



362F0C



003731

# Rectangle

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



153050



412542



362F0C



16361B



# Sweetspot

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



153050



525C69



155034



282E36



B5B5B5



363636



# Same Dimension

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



153050



0C3669



171550



252729



003069



006AE8



# Inverse Universe

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



501530



690C36



4E5015



292527



690030



E8006A



# Previews

## White Background



This preview shows how the Hex color 153050 looks on a white background.

## Color Contrast Check

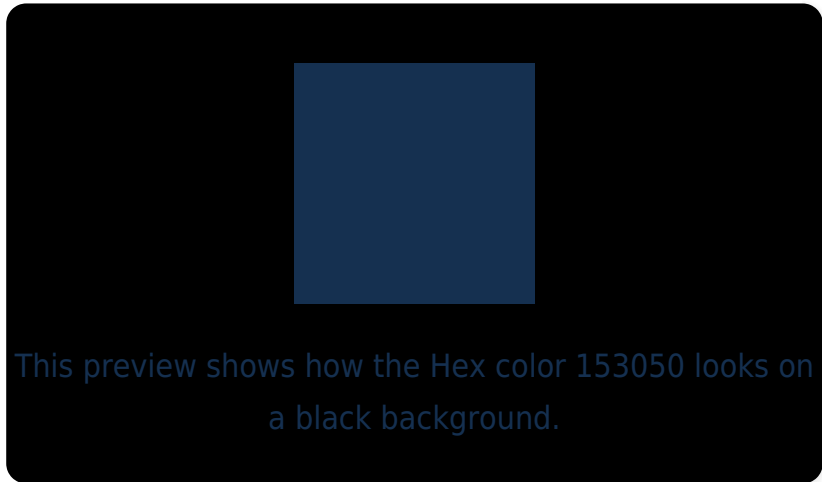
Large Text (above 18pt) WCAG AA ✓ Pass

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 153050 Background



This preview shows how black text looks on a background with the Hex color 153050.



This preview shows how white text looks on a background with the Hex color 153050.

# 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**  
153050

**Protanopia**  
222E4E

**Deuteranopia**  
183050



# Trichromacy



**Original Color**  
153050

**Protanomaly**  
1D2F4F

**Deuteranomaly**  
173050

**Tritanomaly**  
083341

# Monochromacy



**Original Color**  
153050

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
242D39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 153050 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 #153050 looks like.

```
.text, #text, p{  
    color:#153050  
}
```

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 #153050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153050
}
```

## Border

The CSS property to change the border of an element to Hex 153050 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
#153050 }
```

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

```
.border{ border-color:#153050 }
```

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

Here you see how a box with a 4 pixel #153050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153050; -webkit-box-shadow:4px 4px  
4px 4px #153050; box-shadow:4px 4px 4px  
4px #153050 }
```

# Background

The CSS property to change the background color of an element to Hex 153050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153050 }
```

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

```
.background{ background-color:#153050 }
```

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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