

# Converting Colors

Hex(153156)

Have a look what the booklet for  
Hex(153156) contains.

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# Color

**Hex(153156)**

# Conversions

## Conversions Part 1

Format	Color
Hex	153156
RGB	21, 49, 86
RGB Percent	8%, 19%, 34%
CMY	0.9176, 0.8078, 0.6627
CMYK	0.76, 0.43, 0.00, 0.66
HSL	214°, 61%, 21%
HSV	214°, 76%, 34%
XYZ	3.0873, 3.0279, 9.2258
YIQ	44.8460, -28.5650, 5.5710

# Conversions

## Conversions Part 2

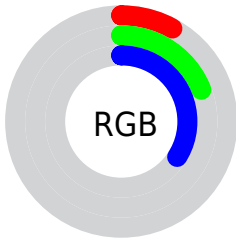
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 41, 86
Decimal	1388886
CIE <sub>Lab</sub>	20.16, 3.69, -25.51
CIE <sub>LCh</sub>	20, 25.773, 278.232
Yxy	3.0279, 0.2012, 0.1974
Android (android.graphics.Color)	4279578966 (0xFF153156)
YUV	44.8460, 20.2889, -20.9129
Hunter-Lab	17.4010, 1.2178, -19.2543

# Details

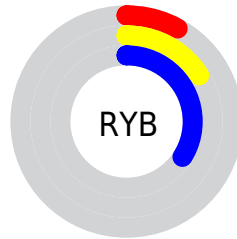
The Hex color **153156** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **563A15**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **495F88**, and **000029** is the 20% darker color. If you saturate the color by 10%, you get **0C2C56**, and if you desaturate by 10%, it is **1E3656**.

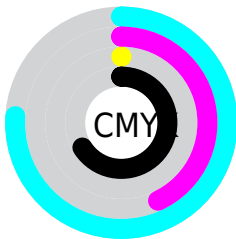
# Distribution



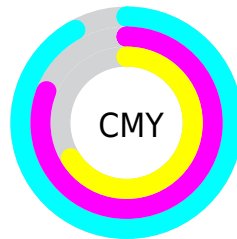
- Red (8%)
- Green (19%)
- Blue (34%)



- Red (8%)
- Yellow (16%)
- Blue (34%)



- Cyan (76%)
- Magenta (43%)
- Yellow (0%)
- Black (66%)



- Cyan (92%)
- Magenta (81%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 153156 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 153156 by changing the saturation by 10% instead.



■ 153156

■ 153156

FFFFFF

■ 001C3F

■ 495F88

■ 000029

■ 6377A2

■ 000113

■ 7D91BE

■ 000000

■ 98ABD9

■ B3C7F6

■ CFE3FF

■ ECFFFF

■ 153156

■ 153156

■ 0C2C56

■ 1E3656

■ 042756

■ 263B56

■ 002556

■ 2F4056

■ 374556

■ 404956

■ 494E56

■ 515356

■ 5A5856

■ 625D56

# Harmonies

## Analogous

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



003653



153156



38294E

# Triad

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



153156



50231A



003922

# Complementary

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



153156



563A15

# 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.



223611



153156



462B0C

# Square

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



153156



531F2C



363107



003A35

# Rectangle

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



153156



472445



363107



0F381C



# Sweetspot

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



153156



566270



15563A



282F38



B8B8B8



383838



# Same Dimension

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



153156



0A3670



191556



27292B



002E6B



0065EB



# Inverse Universe

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



561531



700A36



525615



2B2729



6B002E



EB0065



# Previews

## White Background



This preview shows how the Hex color 153156 looks on a white background.

## Color Contrast Check

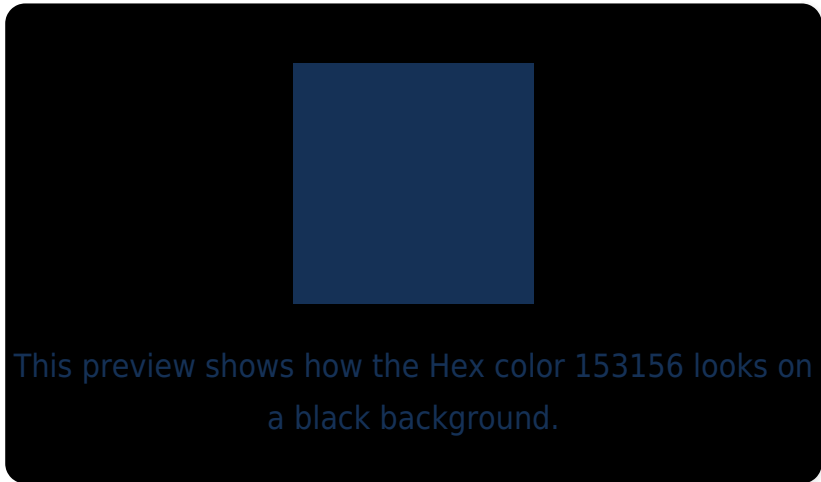
Large Text (above 18pt) WCAG AA ✓ Pass

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 153156 Background



This preview shows how black text looks on a background with the Hex color 153156.



This preview shows how white text looks on a background with the Hex color 153156.

# 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**  
153156

**Protanopia**  
203055

**Deuteranopia**  
103156



**Tritanopia**  
00363A

# Trichromacy



**Original Color**  
153156

**Protanomaly**  
1C3055

**Deuteranomaly**  
123156

**Tritanomaly**  
083444

# Monochromacy



**Original Color**  
153156

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
242E3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 153156 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 #153156 looks like.

```
.text, #text, p{  
    color:#153156  
}
```

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 #153156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153156
}
```

## Border

The CSS property to change the border of an element to Hex 153156 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
#153156 }
```

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

```
.border{ border-color:#153156 }
```

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

Here you see how a box with a 4 pixel #153156 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153156; -webkit-box-shadow:4px 4px  
4px 4px #153156; box-shadow:4px 4px 4px  
4px #153156 }
```

# Background

The CSS property to change the background color of an element to Hex 153156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153156 }
```

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

```
.background{ background-color:#153156 }
```

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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