

Converting Colors

Hex(153358)

Have a look what the booklet for
Hex(153358) contains.

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Color

Hex(153358)

Conversions

Conversions Part 1

Format	Color
Hex	153358
RGB	21, 51, 88
RGB Percent	8%, 20%, 35%
CMY	0.9176, 0.8000, 0.6549
CMYK	0.76, 0.42, 0.00, 0.65
HSL	213°, 61%, 21%
HSV	213°, 76%, 35%
XYZ	3.2545, 3.2317, 9.6848
YIQ	46.2480, -29.7570, 5.1470

Conversions

Conversions Part 2

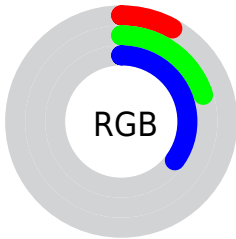
Format	Color
R_{YB}	21, 42, 88
Decimal	1389400
CIE Lab	20.95, 3.10, -25.57
CIE LCh	21, 25.760, 276.914
Yxy	3.2317, 0.2013, 0.1998
Android (android.graphics.Color)	4279579480 (0xFF153358)
YUV	46.2480, 20.5837, -22.1425
Hunter-Lab	17.9768, 0.8563, -19.3579

Details

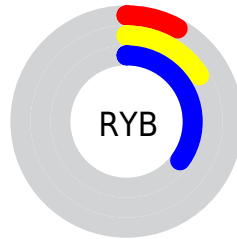
The Hex color **153358** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **583A15**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4A618A**, and **00042A** is the 20% darker color. If you saturate the color by 10%, you get **0C2E58**, and if you desaturate by 10%, it is **1E3858**.

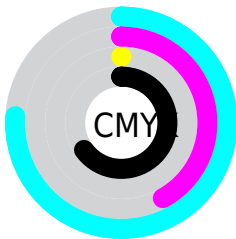
Distribution



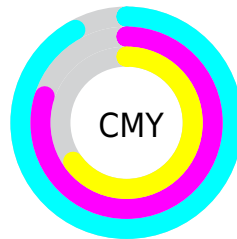
- Red (8%)
- Green (20%)
- Blue (35%)



- Red (8%)
- Yellow (16%)
- Blue (35%)



- Cyan (76%)
- Magenta (42%)
- Yellow (0%)
- Black (65%)



- Cyan (92%)
- Magenta (80%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153358 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 153358 by changing the saturation by 10% instead.

■ 153358

■ 153358

FFFFFF

■ 001E40

■ 4A618A

■ 00042A

■ 637AA5

■ 000115

■ 7E93C0

■ 000000

■ 98AEDC

■ B4C9F8

■ D0E5FF

■ EDFFFF

■ 153358

■ 153358

■ 0C2E58

■ 1E3858

■ 032958

■ 273D58

■ 002758

■ 2F4258

■ 384658

■ 414B58

■ 4A5058

■ 535558

■ 5B5A58

■ 645F58

Harmonies

Analogous

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



003855



153358



392C51

Triad

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



153358



53251D



043B23

Complementary

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



153358



583A15

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.



253812



153358



482C0F

Square

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



153358



55212F



393309



003C36

Rectangle

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



153358



482647



393309



133A1D

Sweetspot

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



153358



586473



15583A



2A323B



BABABA



3B3B3B

Same Dimension

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



153358



0A3973



181558



27292B



00306B



0069EB

Inverse Universe

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



581533



730A39



555815



2B2729



6B0030



EB0069

Previews

White Background



This preview shows how the Hex color 153358 looks on a white background.

Color Contrast Check

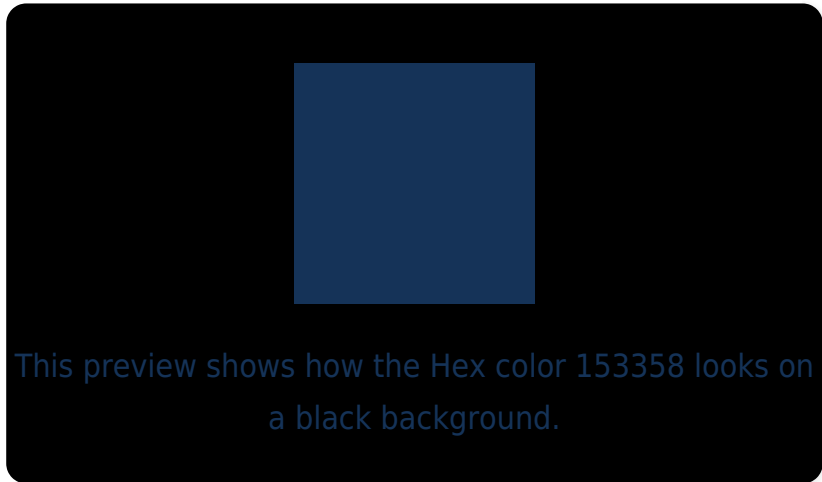
Large Text (above 18pt) WCAG AA ✓ Pass

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

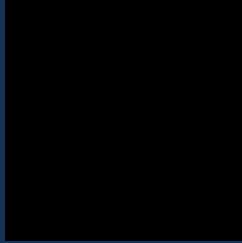
Any Text WCAG AA × Fail

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 153358 Background



This preview shows how black text looks on a background with the Hex color 153358.



This preview shows how white text looks on a background with the Hex color 153358.

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
153358

Protanopia
223156

Deuteranopia
143358

Trichromacy



Original Color
153358

Protanomaly
1D3257

Deuteranomaly
143358

Tritanomaly
083646

Monochromacy



Original Color
153358

Achromatopsia
2E2E2E

Achromatomaly
25303D

CSS Examples

Text

The CSS property to change the color of the text to Hex 153358 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 #153358 looks like.

```
.text, #text, p{  
    color:#153358  
}
```

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 #153358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153358
}
```

Border

The CSS property to change the border of an element to Hex 153358 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
#153358 }
```

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

```
.border{ border-color:#153358 }
```

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

Here you see how a box with a 4 pixel #153358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153358; -webkit-box-shadow:4px 4px  
4px 4px #153358; box-shadow:4px 4px 4px  
4px #153358 }
```

Background

The CSS property to change the background color of an element to Hex 153358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153358 }
```

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

```
.background{ background-color:#153358 }
```

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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