

Converting Colors

Hex(153F58)

Have a look what the booklet for
Hex(153F58) contains.

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Color

Hex(153F58)

Conversions

Conversions Part 1

Format	Color
Hex	153F58
RGB	21, 63, 88
RGB Percent	8%, 25%, 35%
CMY	0.9176, 0.7529, 0.6549
CMYK	0.76, 0.28, 0.00, 0.65
HSL	202°, 61%, 21%
HSV	202°, 76%, 35%
XYZ	3.8482, 4.4190, 9.8827
YIQ	53.2920, -33.0570, -1.1290

Conversions

Conversions Part 2

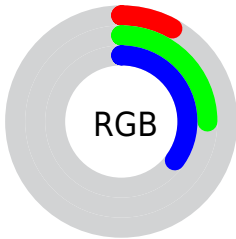
Format	Color
R _Y B	21, 47, 88
Decimal	1392472
CIE Lab	25.01, -5.08, -19.17
CIE LCh	25, 19.834, 255.154
Yxy	4.4190, 0.2120, 0.2435
Android (android.graphics.Color)	4279582552 (0xFF153F58)
YUV	53.2920, 17.1110, -28.3201
Hunter-Lab	21.0215, -4.1111, -13.1585

Details

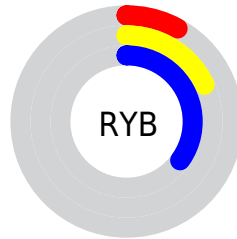
The Hex color **153F58** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **582E15**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4A6E8A**, and **00152A** is the 20% darker color. If you saturate the color by 10%, you get **0C3C58**, and if you desaturate by 10%, it is **1E4258**.

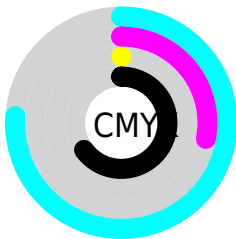
Distribution



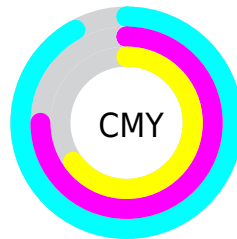
- Red (8%)
- Green (25%)
- Blue (35%)



- Red (8%)
- Yellow (18%)
- Blue (35%)



- Cyan (76%)
- Magenta (28%)
- Yellow (0%)
- Black (65%)



- Cyan (92%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153F58 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 153F58 by changing the saturation by 10% instead.

■ 153F58

■ 153F58

FFFFFF

■ 002941

■ 4A6E8A

■ 00152A

■ 6488A4

■ 000116

■ 7EA2C0

■ 000000

■ 99BDD8

■ B4D9F8

■ D0F5FF

■ EDFFFF

■ 153F58

■ 153F58

■ 0C3C58

■ 1E4258

■ 033858

■ 274658

■ 003758

■ 2F4958

■ 384C58

■ 414F58

■ 4A5358

■ 535658

■ 5B5958

■ 645D58

Harmonies

Analogous

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



004250



153F58



313A58

Triad

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



153F58



583034



2D4126

Complementary

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



153F58



582E15

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.



3D3D1E



153F58



553327

Square

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



153F58



543043



4B381E



184333

Rectangle

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



153F58



403654



4B381E



324022

Sweetspot

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



153F58



586973



15582E



2A353B



BABABA



3B3B3B

Same Dimension

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



153F58



0A4C73



151E58



272A2B



00436B



0093EB

Inverse Universe

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



58153F



730A4C



584F15



2B272A



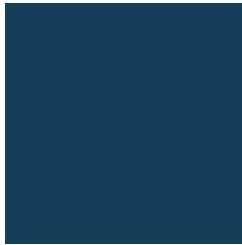
6B0043



EB0093

Previews

White Background



This preview shows how the Hex color 153F58 looks on a white background.

Color Contrast Check

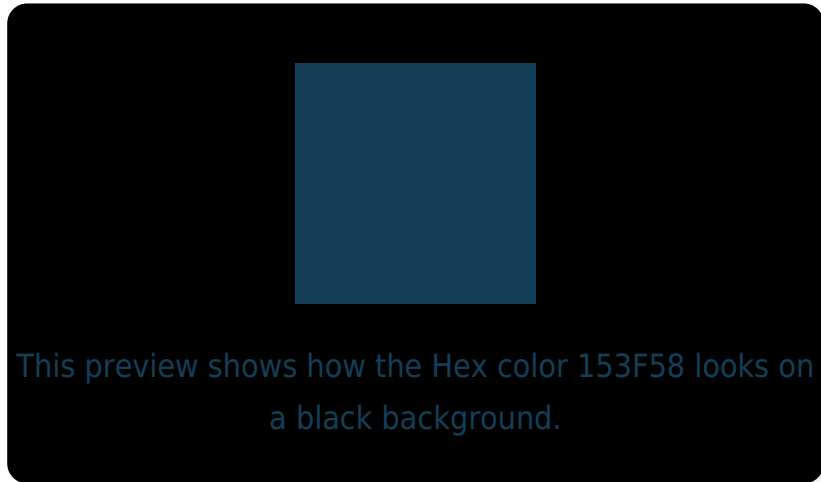
Large Text (above 18pt) WCAG AA ✓ Pass

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

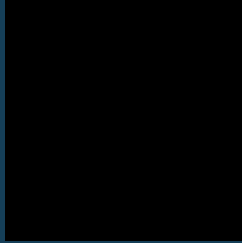
Any Text WCAG AA × Fail

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 153F58 Background



This preview shows how black text looks on a background with the Hex color 153F58.



This preview shows how white text looks on a background with the Hex color 153F58.

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
153F58

Protanopia
333A54

Deuteranopia
2E3B59

Trichromacy



Original Color
153F58

Protanomaly
283C55

Deuteranomaly
253C59

Tritanomaly
08414D

Monochromacy



Original Color
153F58

Achromatopsia
353535

Achromatomaly
293942

CSS Examples

Text

The CSS property to change the color of the text to Hex 153F58 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 #153F58 looks like.

```
.text, #text, p{  
    color:#153F58  
}
```

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 #153F58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153F58
}
```

Border

The CSS property to change the border of an element to Hex 153F58 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
#153F58 }
```

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

```
.border{ border-color:#153F58 }
```

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

Here you see how a box with a 4 pixel #153F58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153F58; -webkit-box-shadow:4px 4px  
4px 4px #153F58; box-shadow:4px 4px 4px  
4px #153F58 }
```

Background

The CSS property to change the background color of an element to Hex 153F58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153F58 }
```

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

```
.background{ background-color:#153F58 }
```

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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