

Converting Colors

Hex(153C68)

Have a look what the booklet for
Hex(153C68) contains.

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Color

Hex(153C68)

Conversions

Conversions Part 1

Format	Color
Hex	153C68
RGB	21, 60, 104
RGB Percent	8%, 24%, 41%
CMY	0.9176, 0.7647, 0.5922
CMYK	0.80, 0.42, 0.00, 0.59
HSL	212°, 66%, 25%
HSV	212°, 80%, 41%
XYZ	4.4238, 4.3906, 13.7110
YIQ	53.3550, -37.3680, 5.4160

Conversions

Conversions Part 2

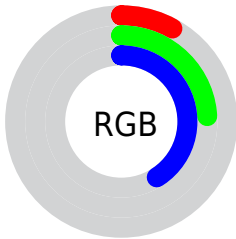
Format	Color
R_{YB}	21, 48, 104
Decimal	1391720
CIE _{Lab}	24.92, 3.46, -29.69
CIE _{LCh}	25, 29.890, 276.653
Yxy	4.3906, 0.1964, 0.1949
Android (android.graphics.Color)	4279581800 (0xFF153C68)
YUV	53.3550, 24.9680, -28.3753
Hunter-Lab	20.9538, 1.0161, -24.1284

Details

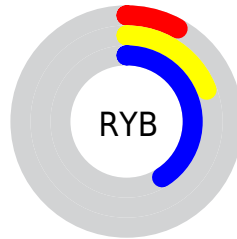
The Hex color **153C68** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **684115**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4E6B9C**, and **001238** is the 20% darker color. If you saturate the color by 10%, you get **0B3668**, and if you desaturate by 10%, it is **1F4268**.

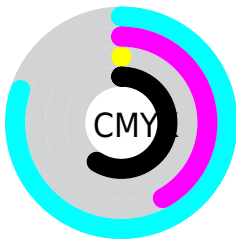
Distribution



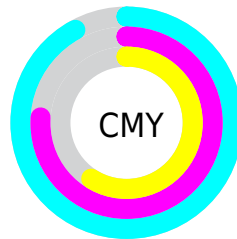
- Red (8%)
- Green (24%)
- Blue (41%)



- Red (8%)
- Yellow (19%)
- Blue (41%)



- Cyan (80%)
- Magenta (42%)
- Yellow (0%)
- Black (59%)



- Cyan (92%)
- Magenta (76%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153C68 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 153C68 by changing the saturation by 10% instead.

■ 153C68

■ 153C68

FFFFFF

■ 002750

■ 4E6B9C

■ 001238

■ 6884B7

■ 000223

■ 839ED2

■ 000009

■ 9EB9EF

■ 000000

■ BAD5FF

■ D7F1FF

■ F4FFFF

■ 153C68

■ 153C68

■ 0B3668

■ 1F4268

■ 003168

■ 2A4768

■ 344D68

■ 3F5268

■ 495868

■ 535D68

■ 5E6368

■ 686868

■ 736E68

Harmonies

Analogous

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



004264



153C68



43335F

Triad

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



153C68



612B21



014528

Complementary

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



153C68



684115

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.



2B4115



153C68



553311

Square

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



153C68



642637



433C0A



004640

Rectangle

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



153C68



542D54



433C0A



154421

Sweetspot

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



153C68



677687



156840



313A45



C4C4C4



454545

Same Dimension

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



153C68



054287



161568



2E3033



003673



0072F2

Inverse Universe

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



68153C



870542



676815



332E30



730036



F20072

Previews

White Background



This preview shows how the Hex color 153C68 looks on a white background.

Color Contrast Check

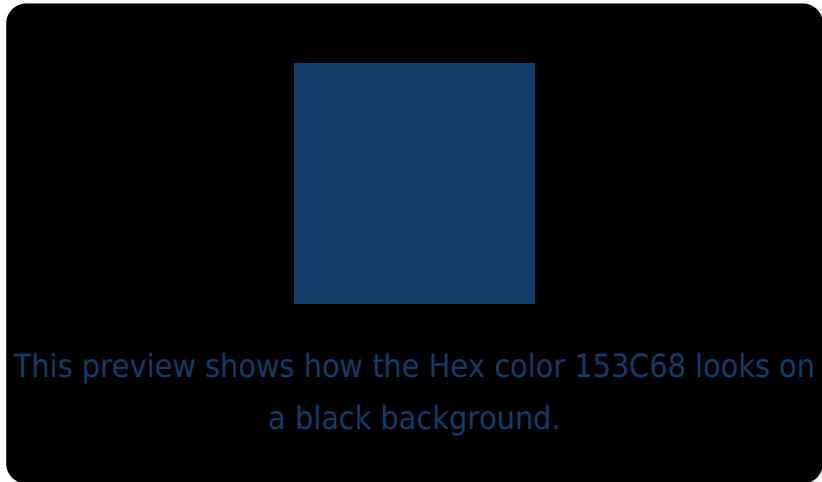
Large Text (above 18pt) WCAG AA ✓ Pass

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

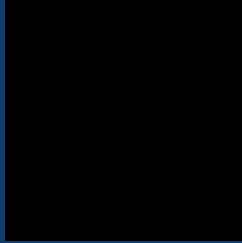
Any Text WCAG AA × Fail

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 153C68 Background



This preview shows how black text looks on a background with the Hex color 153C68.



This preview shows how white text looks on a background with the Hex color 153C68.

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
153C68

Protanopia
283A66

Deuteranopia
153C68

Trichromacy



Original Color
153C68

Protanomaly
213B67

Deuteranomaly
153C68

Tritanomaly
084053

Monochromacy



Original Color
153C68

Achromatopsia
353535

Achromatomaly
293848

CSS Examples

Text

The CSS property to change the color of the text to Hex 153C68 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 #153C68 looks like.

```
.text, #text, p{  
    color:#153C68  
}
```

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 #153C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153C68
}
```

Border

The CSS property to change the border of an element to Hex 153C68 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
#153C68 }
```

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

```
.border{ border-color:#153C68 }
```

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

Here you see how a box with a 4 pixel #153C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153C68; -webkit-box-shadow:4px 4px  
4px 4px #153C68; box-shadow:4px 4px 4px  
4px #153C68 }
```

Background

The CSS property to change the background color of an element to Hex 153C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153C68 }
```

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

```
.background{ background-color:#153C68 }
```

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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