

Converting Colors

Hex(152A49)

Have a look what the booklet for
Hex(152A49) contains.

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Color

Hex(152A49)

Conversions

Conversions Part 1

Format	Color
Hex	152A49
RGB	21, 42, 73
RGB Percent	8%, 16%, 29%
CMY	0.9176, 0.8353, 0.7137
CMYK	0.71, 0.42, 0.00, 0.71
HSL	216°, 55%, 18%
HSV	216°, 71%, 29%
XYZ	2.3398, 2.2964, 6.6233
YIQ	39.2550, -22.4670, 5.1890

Conversions

Conversions Part 2

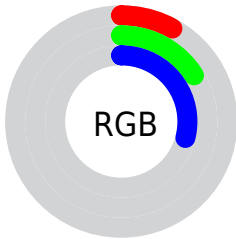
Format	Color
RYB	21, 36, 73
Decimal	1387081
CIELab	16.97, 3.33, -21.81
CIELCh	17, 22.062, 278.688
Yxy	2.2964, 0.2078, 0.2040
Android (android.graphics.Color)	4279577161 (0xFF152A49)
YUV	39.2550, 16.6363, -16.0096
Hunter-Lab	15.1539, 1.0419, -15.3060

Details

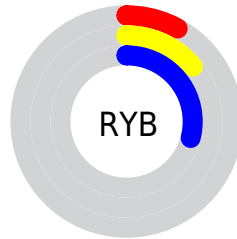
The Hex color **152A49** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **493415**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **46577A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **0E2649**, and if you desaturate by 10%, it is **1C2E49**.

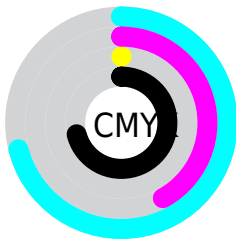
Distribution



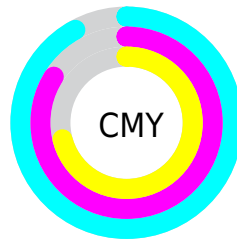
- Red (8%)
- Green (16%)
- Blue (29%)



- Red (8%)
- Yellow (14%)
- Blue (29%)



- Cyan (71%)
- Magenta (42%)
- Yellow (0%)
- Black (71%)



- Cyan (92%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 152A49 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 152A49 by changing the saturation by 10% instead.

■ 152A49

■ 152A49

FFFFFF

■ 001632

■ 46577A

■ 00021D

■ 5F6F94

■ 000000

■ 7989AE

■ 93A3CA

■ AEBEE6

■ CADAFF

■ E6F6FF

■ 152A49

■ 152A49

■ 0E2649

■ 1C2E49

■ 062149

■ 243349

■ 001D49

■ 2B3749

■ 323B49

■ 394049

■ 414449

■ 484849

■ 4F4D49

■ 575149

Harmonies

Analogous

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



002F47



152A49



312443

Triad

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



152A49



451F17



04311E

Complementary

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



152A49



493415

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.



1D2E10



152A49



3C250A

Square

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



152A49



471C26



2F2A06



00322E

Rectangle

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



152A49



3C203A



2F2A06



0E3019

Sweetspot

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



152A49



4B535E



154933



242930



B0B0B0



303030

Same Dimension

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



152A49



0E2F5E



191549



202224



002863



005CE3

Inverse Universe

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



49152A



5E0E2F



454915



242022



630028



E3005C

Previews

White Background



This preview shows how the Hex color 152A49 looks on a white background.

Color Contrast Check

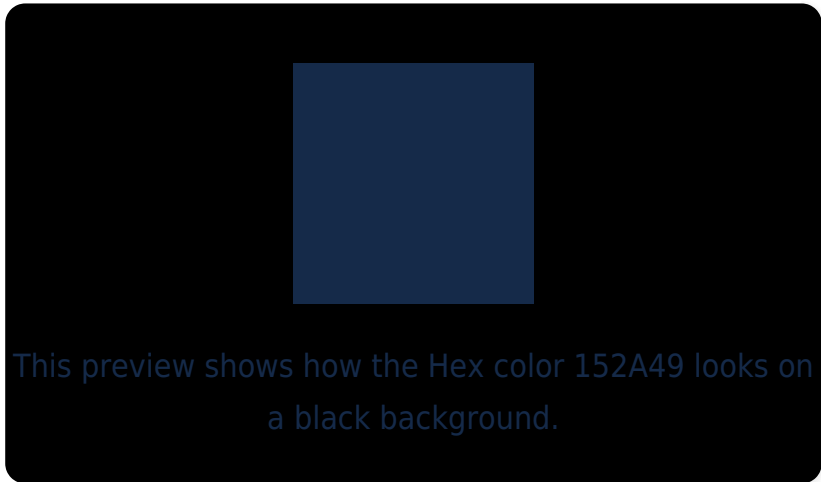
Large Text (above 18pt) WCAG AA ✓ Pass

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

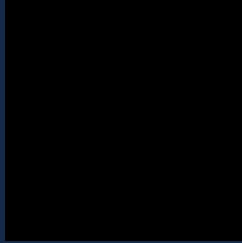
Any Text WCAG AA × Fail

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 152A49 Background



This preview shows how black text looks on a background with the Hex color 152A49.



This preview shows how white text looks on a background with the Hex color 152A49.

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
152A49

Protanopia
1C2948

Deuteranopia
112A49



Tritanopia
002F32

Trichromacy



Original Color
152A49

Protanomaly
192948

Deuteranomaly
122A49

Tritanomaly
082D3A

Monochromacy



Original Color
152A49

Achromatopsia
272727

Achromatomaly
202833

CSS Examples

Text

The CSS property to change the color of the text to Hex 152A49 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 #152A49 looks like.

```
.text, #text, p{  
    color:#152A49  
}
```

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 #152A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #152A49
}
```

Border

The CSS property to change the border of an element to Hex 152A49 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
#152A49 }
```

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

```
.border{ border-color:#152A49 }
```

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

Here you see how a box with a 4 pixel #152A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #152A49; -webkit-box-shadow:4px 4px  
4px 4px #152A49; box-shadow:4px 4px 4px  
4px #152A49 }
```

Background

The CSS property to change the background color of an element to Hex 152A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#152A49 }
```

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

```
.background{ background-color:#152A49 }
```

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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