

Converting Colors

Hex(151B45)

Have a look what the booklet for
Hex(151B45) contains.

Hex(151B45)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(151B45)

Conversions

Conversions Part 1

Format	Color
Hex	151B45
RGB	21, 27, 69
RGB Percent	8%, 11%, 27%
CMY	0.9176, 0.8941, 0.7294
CMYK	0.70, 0.61, 0.00, 0.73
HSL	232°, 53%, 18%
HSV	232°, 70%, 27%
XYZ	1.7754, 1.3730, 5.8017
YIQ	29.9940, -17.0580, 11.7900

Conversions

Conversions Part 2

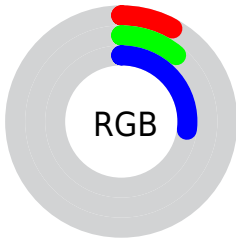
Format	Color
R_{YB}	21, 26, 69
Decimal	1383237
CIE _{Lab}	11.78, 12.94, -27.37
CIE _{LCh}	12, 30.273, 295.301
Yxy	1.3730, 0.1984, 0.1534
Android (android.graphics.Color)	4279573317 (0xFF151B45)
YUV	29.9940, 19.2300, -7.8877
Hunter-Lab	11.7174, 6.5403, -21.1543

Details

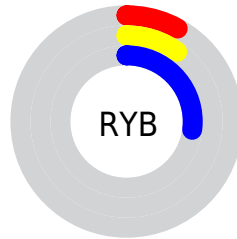
The Hex color **151B45** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **453F15**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **464676**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **0E1545**, and if you desaturate by 10%, it is **1C2145**.

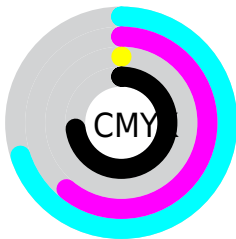
Distribution



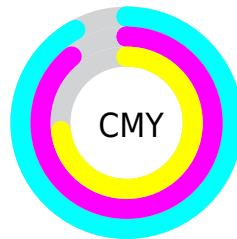
- Red (8%)
- Green (11%)
- Blue (27%)



- Red (8%)
- Yellow (10%)
- Blue (27%)



- Cyan (70%)
- Magenta (61%)
- Yellow (0%)
- Black (73%)



- Cyan (92%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 151B45 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 151B45 by changing the saturation by 10% instead.

■ 151B45

■ 151B45

FFFEFF

■ 00002F

■ 464676

■ 000119

■ 5F5E90

■ 000000

■ 7876AA

■ 9390C6

■ AEAAE2

■ CAC6FE

■ E6E2FF

■ 151B45

■ 151B45

■ 0E1545

■ 1C2145

■ 070F45

■ 232745

■ 000945

■ 2A2D45

■ 313345

■ 383945

■ 3E3F45

■ 454545

■ 4C4B45

■ 535145

Harmonies

Analogous

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



002349



151B45



341037

Triad

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



151B45



3A1400



00281B

Complementary

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



151B45



453F15

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.



002600



151B45



2B1D00

Square

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



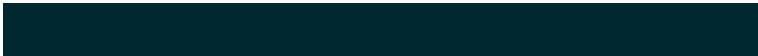
151B45



42080D



182300



002830

Rectangle

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



151B45



3E082A



182300



002814

Sweetspot

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



151B45



474959



15453F



22242E



ADADAD



2E2E2E

Same Dimension

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



151B45



0F1859



271545



202124



000C63



001CE3

Inverse Universe

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



45151B



590F18



334515



242021



63000C



E3001C

Previews

White Background



This preview shows how the Hex color 151B45 looks on a white background.

Color Contrast Check

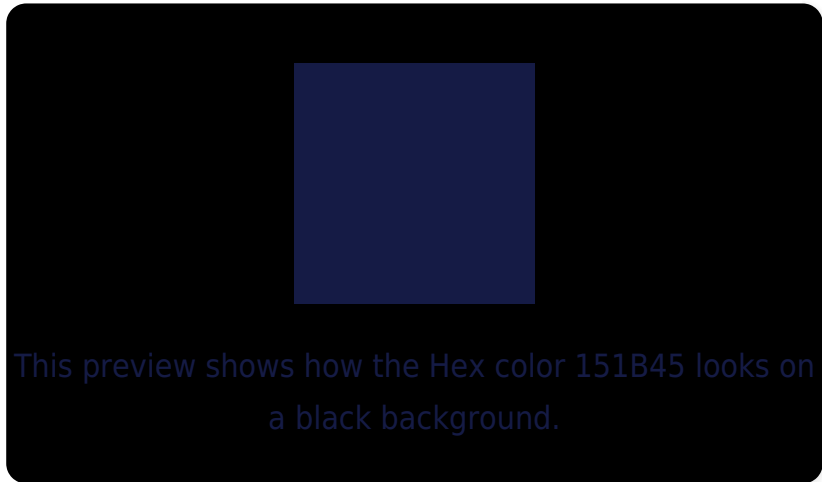
Large Text (above 18pt) WCAG AA ✓ Pass

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

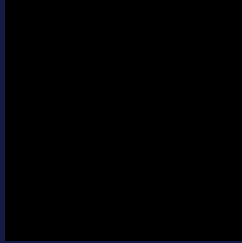
Any Text WCAG AA × Fail

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 151B45 Background



This preview shows how black text looks on a background with the Hex color 151B45.



This preview shows how white text looks on a background with the Hex color 151B45.

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
151B45

Deuteranopia
002037

Tritanopia
002326

Trichromacy



Original Color
151B45

Deuteranomaly
081E3C

Tritanomaly
082031

Monochromacy



Original Color
151B45

Achromatopsia
1E1E1E

Achromatomaly
1B1D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 151B45 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 #151B45 looks like.

```
.text, #text, p{  
    color:#151B45  
}
```

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 #151B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #151B45
}
```

Border

The CSS property to change the border of an element to Hex 151B45 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
#151B45 }
```

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

```
.border{ border-color:#151B45 }
```

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

Here you see how a box with a 4 pixel #151B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #151B45; -webkit-box-shadow:4px 4px  
4px 4px #151B45; box-shadow:4px 4px 4px  
4px #151B45 }
```

Background

The CSS property to change the background color of an element to Hex 151B45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#151B45 }
```

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

```
.background{ background-color:#151B45 }
```

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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