

Converting Colors

Hex(153E5D)

Have a look what the booklet for
Hex(153E5D) contains.

Hex(153E5D)	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>	29

Color

Hex(153E5D)

Conversions

Conversions Part 1

Format	Color
Hex	153E5D
RGB	21, 62, 93
RGB Percent	8%, 24%, 36%
CMY	0.9176, 0.7569, 0.6353
CMYK	0.77, 0.33, 0.00, 0.64
HSL	206°, 63%, 22%
HSV	206°, 77%, 36%
XYZ	4.0077, 4.3950, 10.9930
YIQ	53.2750, -34.3870, 0.9490

Conversions

Conversions Part 2

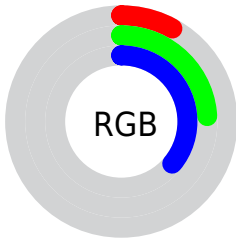
Format	Color
RYB	21, 47, 93
Decimal	1392221
CIELab	24.94, -2.42, -22.55
CIELCh	25, 22.678, 263.870
Yxy	4.3950, 0.2066, 0.2266
Android (android.graphics.Color)	4279582301 (0xFF153E5D)
YUV	53.2750, 19.5844, -28.3052
Hunter-Lab	20.9642, -2.5641, -16.4149

Details

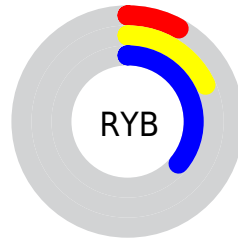
The Hex color **153E5D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D3415**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4B6D90**, and **00142F** is the 20% darker color. If you saturate the color by 10%, you get **0C3A5D**, and if you desaturate by 10%, it is **1E425D**.

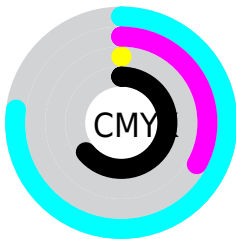
Distribution



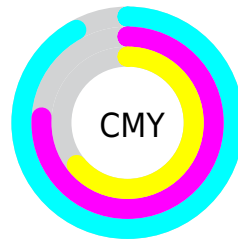
- Red (8%)
- Green (24%)
- Blue (36%)



- Red (8%)
- Yellow (18%)
- Blue (36%)



- Cyan (77%)
- Magenta (33%)
- Yellow (0%)
- Black (64%)



- Cyan (92%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153E5D 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 153E5D by changing the saturation by 10% instead.

■ 153E5D

■ 153E5D

FFFFFF

■ 002845

■ 4B6D90

■ 00142F

■ 6587AA

■ 00011A

■ 7FA1C5

■ 000000

■ 9ABCE1

■ B6D7FE

■ D2F4FF

■ EFFFFFF

■ 153E5D

■ 153E5D

■ 0C3A5D

■ 1E425D

■ 02365D

■ 28465D

■ 00355D

■ 314A5D

■ 3A4E5D

■ 44525D

■ 4D565D

■ 565A5D

■ 5F5E5D

■ 69625D

Harmonies

Analogous

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



004256



153E5D



37385A

Triad

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



153E5D



5B2E2E



234226

Complementary

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



153E5D



5D3415

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.



383E1B



153E5D



553320

Square

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



153E5D



592D3F



493918



034437

Rectangle

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



153E5D



473454



493918



2B4122

Sweetspot

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



153E5D



5C6C78



155D33



2C363D



BDBDBD



3D3D3D

Same Dimension

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



153E5D



084878



151B5D



292C2E



003E6E



0087ED

Inverse Universe

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



5D153E



780848



5D5715



2E292C



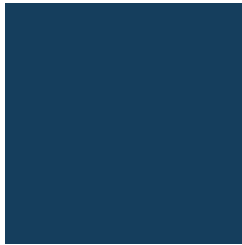
6E003E



ED0087

Previews

White Background



This preview shows how the Hex color 153E5D looks on a white background.

Color Contrast Check

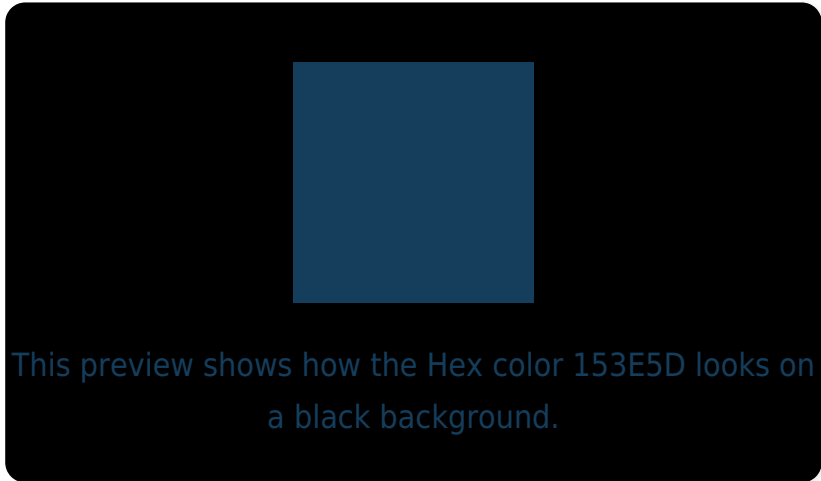
Large Text (above 18pt) WCAG AA ✓ Pass

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

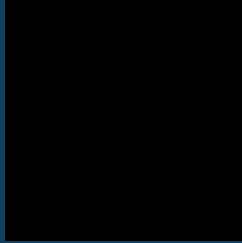
Any Text WCAG AA × Fail

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 153E5D Background



This preview shows how black text looks on a background with the Hex color 153E5D.



This preview shows how white text looks on a background with the Hex color 153E5D.

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
153E5D

Protanopia
303A5A

Deuteranopia
283B5E

Trichromacy



Original Color
153E5D

Protanomaly
263B5B

Deuteranomaly
213C5E

Tritanomaly
08414F

Monochromacy



Original Color
153E5D

Achromatopsia
353535

Achromatomaly
293844

CSS Examples

Text

The CSS property to change the color of the text to Hex 153E5D 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 #153E5D looks like.

```
.text, #text, p{  
    color:#153E5D  
}
```

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 #153E5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153E5D
}
```

Border

The CSS property to change the border of an element to Hex 153E5D 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
#153E5D }
```

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

```
.border{ border-color:#153E5D }
```

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

Here you see how a box with a 4 pixel #153E5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153E5D; -webkit-box-shadow:4px 4px  
4px 4px #153E5D; box-shadow:4px 4px 4px  
4px #153E5D }
```

Background

The CSS property to change the background color of an element to Hex 153E5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153E5D }
```

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

```
.background{ background-color:#153E5D }
```

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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