

Converting Colors

Hex(15305D)

Have a look what the booklet for
Hex(15305D) contains.

Hex(15305D)	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(15305D)

Conversions

Conversions Part 1

Format	Color
Hex	15305D
RGB	21, 48, 93
RGB Percent	8%, 19%, 36%
CMY	0.9176, 0.8118, 0.6353
CMYK	0.77, 0.48, 0.00, 0.64
HSL	218°, 63%, 22%
HSV	218°, 77%, 36%
XYZ	3.3420, 3.0636, 10.7711
YIQ	45.0570, -30.5370, 8.2710

Conversions

Conversions Part 2

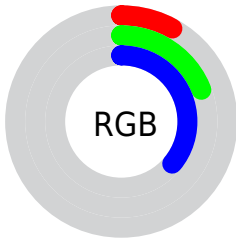
Format	Color
R _Y B	21, 41, 93
Decimal	1388637
CIE Lab	20.30, 7.35, -29.92
CIE LCh	20, 30.807, 283.807
Yxy	3.0636, 0.1946, 0.1784
Android (android.graphics.Color)	4279578717 (0xFF15305D)
YUV	45.0570, 23.6359, -21.0980
Hunter-Lab	17.5033, 3.4512, -24.2334

Details

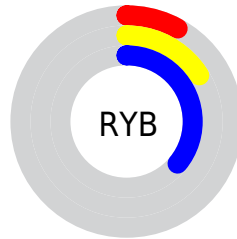
The Hex color **15305D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D4215**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **4B5E90**, and **00002F** is the 20% darker color. If you saturate the color by 10%, you get **0C2A5D**, and if you desaturate by 10%, it is **1E365D**.

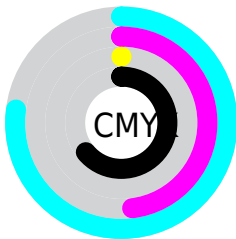
Distribution



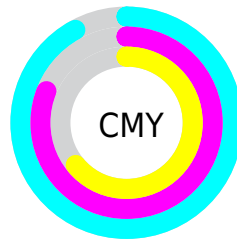
- Red (8%)
- Green (19%)
- Blue (36%)



- Red (8%)
- Yellow (16%)
- Blue (36%)



- Cyan (77%)
- Magenta (48%)
- Yellow (0%)
- Black (64%)



- Cyan (92%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15305D 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 15305D by changing the saturation by 10% instead.

■ 15305D

■ 15305D

FFFFFF

■ 001C45

■ 4B5E90

■ 00002F

■ 6576AA

■ 000119

■ 7F90C6

■ 000000

■ 9AAAE2

■ B6C5FF

■ D2E1FF

■ EFFEFF

■ 15305D

■ 15305D

■ 0C2A5D

■ 1E365D

■ 02245D

■ 283C5D

■ 00235D

■ 31415D

■ 3A475D

■ 444D5D

■ 4D535D

■ 56595D

■ 5F5E5D

■ 69645D

Harmonies

Analogous

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



00375C



15305D



3F2652

Triad

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



15305D



542212



003B24

Complementary

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



15305D



5D4215

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.



18380E



15305D



462B00

Square

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



15305D



591B27



333300



003C3B

Rectangle

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



15305D



4E1F45



333300



003A1C

Sweetspot

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



15305D



5C6778



155D41



2C323D



BDBDBD



3D3D3D

Same Dimension

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



15305D



083278



1D155D



292B2E



00296E



0059ED

Inverse Universe

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



5D1530



780832



555D15



2E292B



6E0029



ED0059

Previews

White Background



This preview shows how the Hex color 15305D looks on a white background.

Color Contrast Check

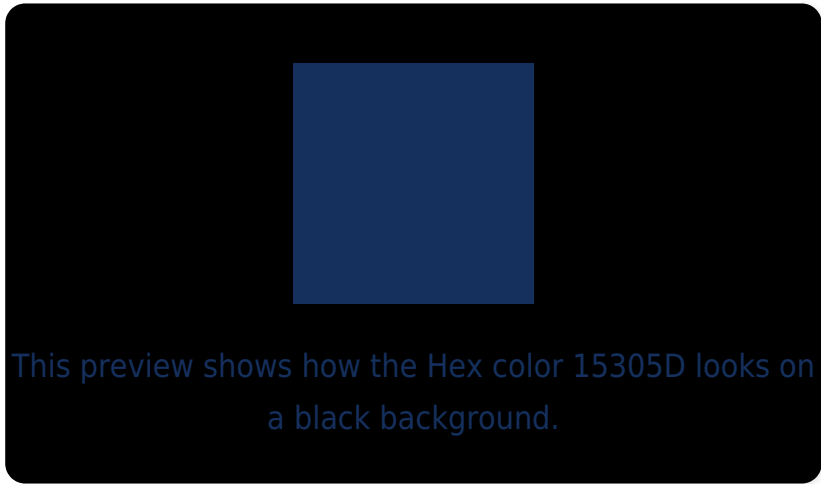
Large Text (above 18pt) WCAG AA ✓ Pass

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 15305D Background



This preview shows how black text looks on a background with the Hex color 15305D.



This preview shows how white text looks on a background with the Hex color 15305D.

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
15305D

Protanopia
19305D

Deuteranopia
003258

Trichromacy



Original Color
15305D

Protanomaly
18305D

Deuteranomaly
08315A

Tritanomaly
083447

Monochromacy



Original Color
15305D

Achromatopsia
2D2D2D

Achromatomaly
242E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 15305D 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 #15305D looks like.

```
.text, #text, p{  
    color:#15305D  
}
```

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 #15305D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15305D
}
```

Border

The CSS property to change the border of an element to Hex 15305D 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
#15305D }
```

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

```
.border{ border-color:#15305D }
```

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

Here you see how a box with a 4 pixel #15305D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15305D; -webkit-box-shadow:4px 4px  
4px 4px #15305D; box-shadow:4px 4px 4px  
4px #15305D }
```

Background

The CSS property to change the background color of an element to Hex 15305D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15305D }
```

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

```
.background{ background-color:#15305D }
```

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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