

Converting Colors

Hex(15165D)

Have a look what the booklet for
Hex(15165D) contains.

Hex(15165D)	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(15165D)

Conversions

Conversions Part 1

Format	Color
Hex	15165D
RGB	21, 22, 93
RGB Percent	8%, 9%, 36%
CMY	0.9176, 0.9137, 0.6353
CMYK	0.77, 0.76, 0.00, 0.64
HSL	239°, 63%, 22%
HSV	239°, 77%, 36%
XYZ	2.5720, 1.5236, 10.5144
YIQ	29.7950, -23.3870, 21.8690

Conversions

Conversions Part 2

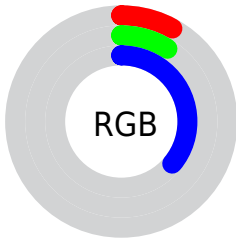
Format	Color
RYB	21, 22, 93
Decimal	1381981
CIELab	12.76, 26.16, -42.18
CIElCh	13, 49.629, 301.808
Yxy	1.5236, 0.1760, 0.1043
Android (android.graphics.Color)	4279572061 (0xFF15165D)
YUV	29.7950, 31.1601, -7.7132
Hunter-Lab	12.3433, 15.5931, -41.8651

Details

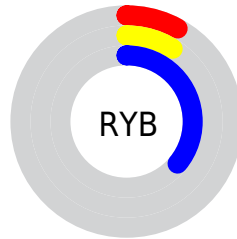
The Hex color **15165D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **5D5C15**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4D4190**, and **00032E** is the 20% darker color. If you saturate the color by 10%, you get **0C0D5D**, and if you desaturate by 10%, it is **1E1F5D**.

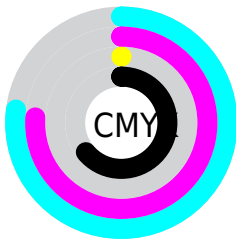
Distribution



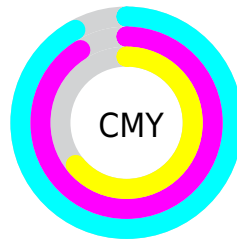
- Red (8%)
- Green (9%)
- Blue (36%)



- Red (8%)
- Yellow (9%)
- Blue (36%)



- Cyan (77%)
- Magenta (76%)
- Yellow (0%)
- Black (64%)



- Cyan (92%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15165D 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 15165D by changing the saturation by 10% instead.

■ 15165D

■ 15165D

■ FFF9FF

■ 000045

■ 4D4190

■ 00032E

■ 6859AB

■ 000118

■ 8272C7

■ 000000

■ 9E8BE3

■ BAA6FF

■ D6C1FF

■ F3DDFF

■ 15165D

■ 15165D

■ 0C0D5D

■ 1E1F5D

■ 02045D

■ 28285D

■ 00015D

■ 31325D

■ 3A3B5D

■ 44445D

■ 4D4D5D

■ 56565D

■ 5F5F5D

■ 69695D

Harmonies

Analogous

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



002668



15165D



490042

Triad

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



15165D



431000



002F22

Complementary

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



15165D



5D5C15

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.



002D00



15165D



292100

Square

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



15165D



540000



002900



002F45

Rectangle

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



15165D



56002C



002900



002E16

Sweetspot

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



15165D



5C5D78



155D5C



2C2C3D



BDBDBD



3D3D3D

Same Dimension

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



15165D



080A78



38155D



29292E



00026E



0003ED

Inverse Universe

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



5D1516



78080A



3A5D15



2E2929



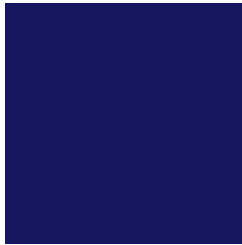
6E0002



ED0003

Previews

White Background



This preview shows how the Hex color 15165D looks on a white background.

Color Contrast Check

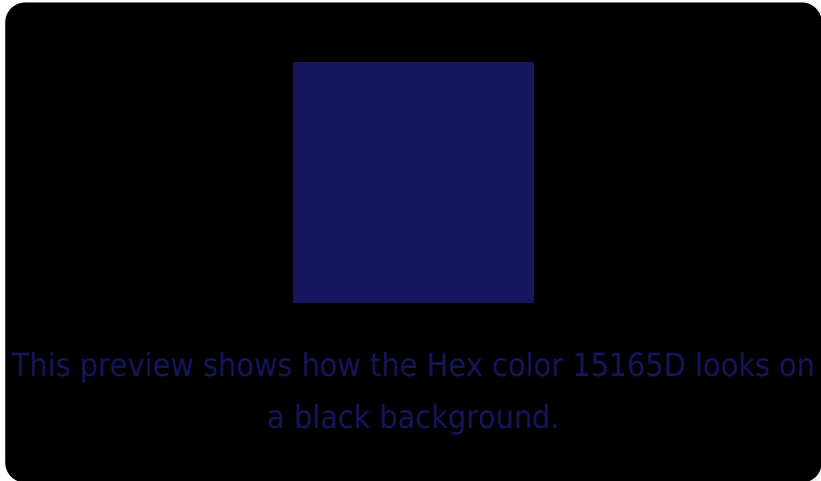
Large Text (above 18pt) WCAG AA ✓ Pass

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

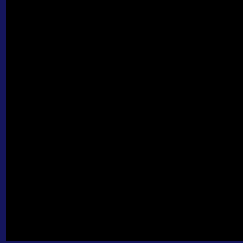
Any Text WCAG AA × Fail

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 15165D Background



This preview shows how black text looks on a background with the Hex color 15165D.



This preview shows how white text looks on a background with the Hex color 15165D.

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
15165D

Protanopia
002145

Deuteranopia
00233B

Trichromacy



Original Color
15165D

Protanomaly
081D4E

Deuteranomaly
081E47

Tritanomaly
08203B

Monochromacy



Original Color
15165D

Achromatopsia
1E1E1E

Achromatomaly
1B1B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 15165D 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 #15165D looks like.

```
.text, #text, p{  
    color:#15165D  
}
```

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 #15165D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15165D
}
```

Border

The CSS property to change the border of an element to Hex 15165D is called "border". The border property can be set on classes, ids or directly on the HTML element.

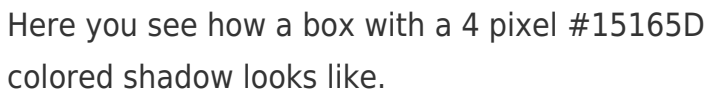
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#15165D }
```

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

```
.border{ border-color:#15165D }
```

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



Here you see how a box with a 4 pixel #15165D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15165D; -webkit-box-shadow:4px 4px  
4px 4px #15165D; box-shadow:4px 4px 4px  
4px #15165D }
```

Background

The CSS property to change the background color of an element to Hex 15165D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15165D }
```

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

```
.background{ background-color:#15165D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor