

Converting Colors

Hex(15255C)

Have a look what the booklet for
Hex(15255C) contains.

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Color

Hex(15255C)

Conversions

Conversions Part 1

Format	Color
Hex	15255C
RGB	21, 37, 92
RGB Percent	8%, 15%, 36%
CMY	0.9176, 0.8549, 0.6392
CMYK	0.77, 0.60, 0.00, 0.64
HSL	226°, 63%, 22%
HSV	226°, 77%, 36%
XYZ	2.9026, 2.2553, 10.4075
YIQ	38.4860, -27.1910, 13.7130

Conversions

Conversions Part 2

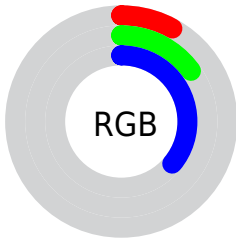
Format	Color
R_{YB}	21, 34, 92
Decimal	1385820
CIE _{Lab}	16.77, 15.02, -34.94
CIE _{LCh}	17, 38.030, 293.263
Yxy	2.2553, 0.1865, 0.1449
Android (android.graphics.Color)	4279575900 (0xFF15255C)
YUV	38.4860, 26.3824, -15.3352
Hunter-Lab	15.0176, 8.2197, -30.5771

Details

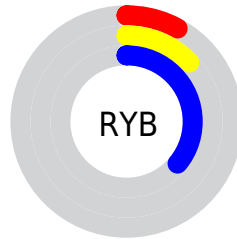
The Hex color **15255C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C4C15**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4B518F**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **0C1E5C**, and if you desaturate by 10%, it is **1E2C5C**.

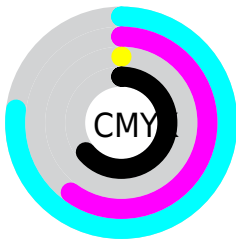
Distribution



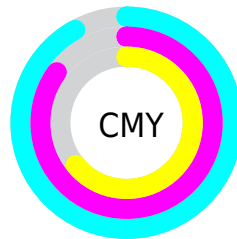
- Red (8%)
- Green (15%)
- Blue (36%)



- Red (8%)
- Yellow (13%)
- Blue (36%)



- Cyan (77%)
- Magenta (60%)
- Yellow (0%)
- Black (64%)



- Cyan (92%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15255C 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 15255C by changing the saturation by 10% instead.

■ 15255C

■ 15255C

FFFFFF

■ 001144

■ 4B518F

■ 00032D

■ 6569AA

■ 000118

■ 8082C5

■ 000000

■ 9B9CE1

■ B7B7FE

■ D3D3FF

■ FOEFFF

■ 15255C

■ 15255C

■ 0C1E5C

■ 1E2C5C

■ 03175C

■ 27335C

■ 00155C

■ 313A5C

■ 3A425C

■ 43495C

■ 4C505C

■ 55575C

■ 5F5E5C

■ 68655C

Harmonies

Analogous

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



002F60



15255C



43164A

Triad

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



15255C



4D1900



003422

Complementary

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



15255C



5C4C15

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.



003202



15255C



392600

Square

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



15255C



570816



212E00



00353E

Rectangle

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



15255C



51093A



212E00



003419

Sweetspot

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



15255C



5C6278



155C4B



2C303D



BDBDBD



3D3D3D

Same Dimension

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



15255C



082278



28155C



292A2E



00196E



0035ED

Inverse Universe

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



5C1525



780822



495C15



2E292A



6E0019



ED0035

Previews

White Background



This preview shows how the Hex color 15255C looks on a white background.

Color Contrast Check

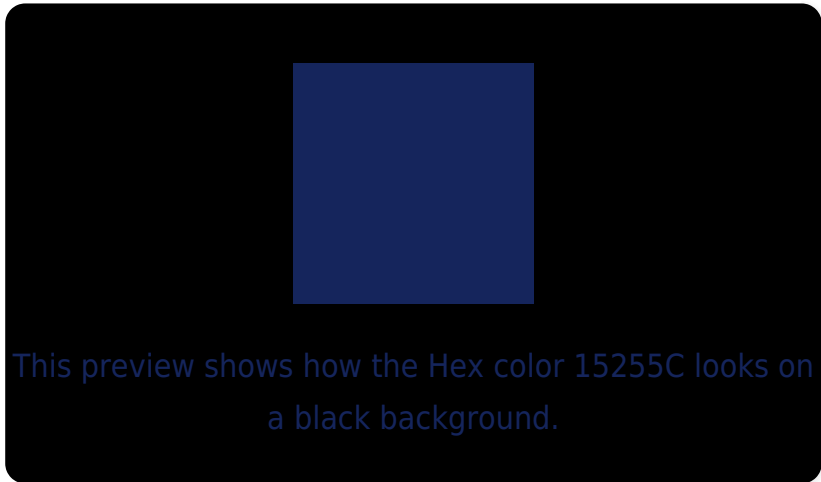
Large Text (above 18pt) WCAG AA ✓ Pass

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

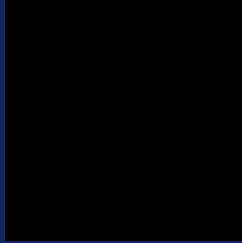
Any Text WCAG AA × Fail

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 15255C Background



This preview shows how black text looks on a background with the Hex color 15255C.



This preview shows how white text looks on a background with the Hex color 15255C.

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
15255C

Protanopia
002855

Deuteranopia
002B49

Trichromacy



Original Color
15255C

Protanomaly
082758

Deuteranomaly
082950

Tritanomaly
082B41

Monochromacy



Original Color
15255C

Achromatopsia
262626

Achromatomaly
20263A

CSS Examples

Text

The CSS property to change the color of the text to Hex 15255C 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 #15255C looks like.

```
.text, #text, p{  
    color:#15255C  
}
```

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 #15255C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15255C
}
```

Border

The CSS property to change the border of an element to Hex 15255C 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".

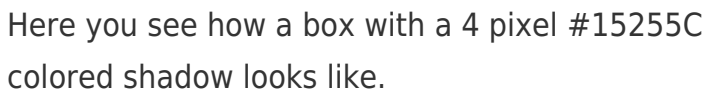
```
.border, #border, table{ border:4px solid
#15255C }
```

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

```
.border{ border-color:#15255C }
```

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

Here you see how a box with a 4 pixel #15255C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15255C; -webkit-box-shadow:4px 4px  
4px 4px #15255C; box-shadow:4px 4px 4px  
4px #15255C }
```

Background

The CSS property to change the background color of an element to Hex 15255C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15255C }
```

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

```
.background{ background-color:#15255C }
```

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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