

Converting Colors

Hex(00215A)

Have a look what the booklet for
Hex(00215A) contains.

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Color

Hex(00215A)

Conversions

Conversions Part 1

Format	Color
Hex	00215A
RGB	0, 33, 90
RGB Percent	0%, 13%, 35%
CMY	1.0000, 0.8706, 0.6471
CMYK	1.00, 0.63, 0.00, 0.65
HSL	218°, 100%, 18%
HSV	218°, 100%, 35%
XYZ	2.3893, 1.8259, 9.8994
YIQ	29.6310, -37.9650, 10.7310

Conversions

Conversions Part 2

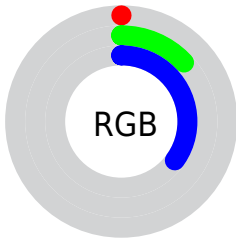
Format	Color
RYB	0, 24, 90
Decimal	8538
CIELab	14.55, 14.81, -37.27
CIELCh	15, 40.101, 291.670
Yxy	1.8259, 0.1693, 0.1294
Android (android.graphics.Color)	4278198618 (0xFF00215A)
YUV	29.6310, 29.7619, -25.9864
Hunter-Lab	13.5126, 7.9157, -33.9772

Details

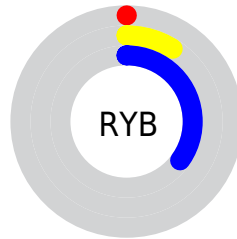
The Hex color **00215A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A3900**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **414D8D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **00215A**, and if you desaturate by 10%, it is **09275A**.

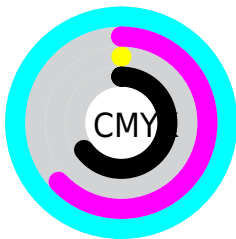
Distribution



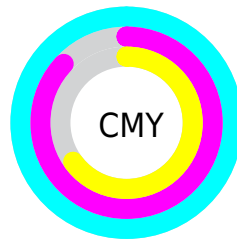
- Red (0%)
- Green (13%)
- Blue (35%)



- Red (0%)
- Yellow (9%)
- Blue (35%)



- Cyan (100%)
- Magenta (63%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00215A 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 00215A by changing the saturation by 10% instead.

■ 00215A

■ 00215A

FFFFFF

■ 000B42

■ 414D8D

■ 00032B

■ 5B64A7

■ 000116

■ 767DC3

■ 000000

■ 9197DF

■ ADB2FC

■ C9CDFF

■ E6E9FF

■ 00215A

■ 09275A

■ 122C5A

■ 1B325A

■ 24385A

■ 2D3E5A

■ 36435A

■ 3F495A

■ 484F5A

■ 51545A

Harmonies

Analogous

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



002B5D



00215A



3D0F48

Triad

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



00215A



491200



00301C

Complementary

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



00215A



5A3900

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.



002E00



00215A



352100

Square

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



00215A



530012



1B2900



003039

Rectangle

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



00215A



4D0037



1B2900



002F11

Sweetspot

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



00215A



525F75



005A39



262D3B



BABABA



3B3B3B

Same Dimension

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



00215A



002B75



0C005A



292B2E



00286E



0057ED

Inverse Universe

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



5A0021



75002B



4E5A00



2E292B



6E0028



ED0057

Previews

White Background



This preview shows how the Hex color 00215A 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

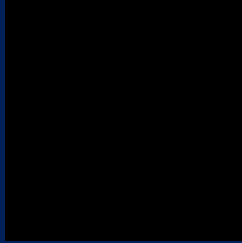
Any Text WCAG AA × Fail

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 00215A Background



This preview shows how black text looks on a background with the Hex color 00215A.



This preview shows how white text looks on a background with the Hex color 00215A.

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
00215A

Protanopia
00254D

Deuteranopia
002742

Trichromacy



Original Color
00215A

Protanomaly
002452

Deuteranomaly
00254B

Tritanomaly
00273D

Monochromacy



Original Color
00215A

Achromatopsia
1E1E1E

Achromatomaly
131F34

CSS Examples

Text

The CSS property to change the color of the text to Hex 00215A 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 #00215A looks like.

```
.text, #text, p{  
    color:#00215A  
}
```

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 #00215A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00215A
}
```

Border

The CSS property to change the border of an element to Hex 00215A is called "border". The border property can be set on classes, ids or directly on the HTML element.

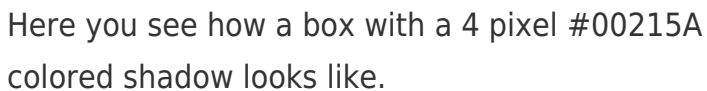
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00215A }
```

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

```
.border{ border-color:#00215A }
```

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



Here you see how a box with a 4 pixel #00215A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00215A; -webkit-box-shadow:4px 4px  
4px 4px #00215A; box-shadow:4px 4px 4px  
4px #00215A }
```

Background

The CSS property to change the background color of an element to Hex 00215A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00215A }
```

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

```
.background{ background-color:#00215A }
```

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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