

Converting Colors

Hex(04215E)

Have a look what the booklet for
Hex(04215E) contains.

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Color

Hex(04215E)

Conversions

Conversions Part 1

Format	Color
Hex	04215E
RGB	4, 33, 94
RGB Percent	2%, 13%, 37%
CMY	0.9843, 0.8706, 0.6314
CMYK	0.96, 0.65, 0.00, 0.63
HSL	221°, 92%, 19%
HSV	221°, 96%, 37%
XYZ	2.6143, 1.9217, 10.8228
YIQ	31.2830, -36.8650, 12.8230

Conversions

Conversions Part 2

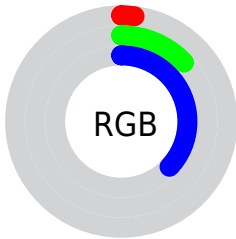
Format	Color
R_{YB}	4, 26, 94
Decimal	270686
CIE _{Lab}	15.07, 17.00, -39.08
CIE _{LCh}	15, 42.615, 293.518
Y _{xy}	1.9217, 0.1702, 0.1251
Android (android.graphics.Color)	4278460766 (0xFF04215E)
YUV	31.2830, 30.9195, -23.9272
Hunter-Lab	13.8625, 9.4038, -36.5856

Details

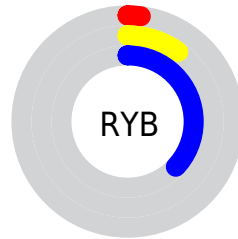
The Hex color **04215E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E4104**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **444D91**, and **00042F** is the 20% darker color. If you saturate the color by 10%, you get **001E5E**, and if you desaturate by 10%, it is **0D275E**.

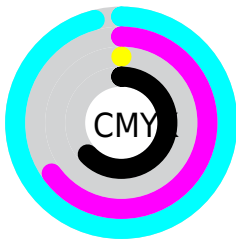
Distribution



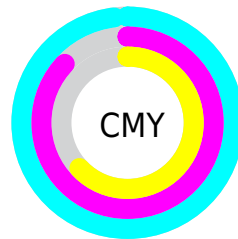
- Red (2%)
- Green (13%)
- Blue (37%)



- Red (2%)
- Yellow (10%)
- Blue (37%)



- Cyan (96%)
- Magenta (65%)
- Yellow (0%)
- Black (63%)



- Cyan (98%)
- Magenta (87%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04215E 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 04215E by changing the saturation by 10% instead.

■ 04215E

■ 04215E

FFFFFF

■ 000C46

■ 444D91

■ 00042F

■ 5F64AC

■ 000119

■ 7A7DC8

■ 000000

■ 9597E4

■ B1B2FF

■ CDCDFE

■ EAE9FF

■ 04215E

■ 04215E

■ 001E5E

■ 0D275E

■ 172E5E

■ 20345E

■ 2A3A5E

■ 33415E

■ 3C475E

■ 464E5E

■ 4F545E

■ 595A5E

Harmonies

Analogous

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



002C63



04215E



420C4A

Triad

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



04215E



4B1300



00321E

Complementary

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



04215E



5E4104

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.



002F00



04215E



362200

Square

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



04215E



57000F



192B00



00323D

Rectangle

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



04215E



510038



192B00



003113

Sweetspot

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



04215E



57627A



045E40



282F3D



BDBDBD



3D3D3D

Same Dimension

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



04215E



00277A



13045E



292B2E



00236E



004CED

Inverse Universe

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



5E0421



7A0027



4F5E04



2E292B



6E0023



ED004C

Previews

White Background



This preview shows how the Hex color 04215E looks on a white background.

Color Contrast Check

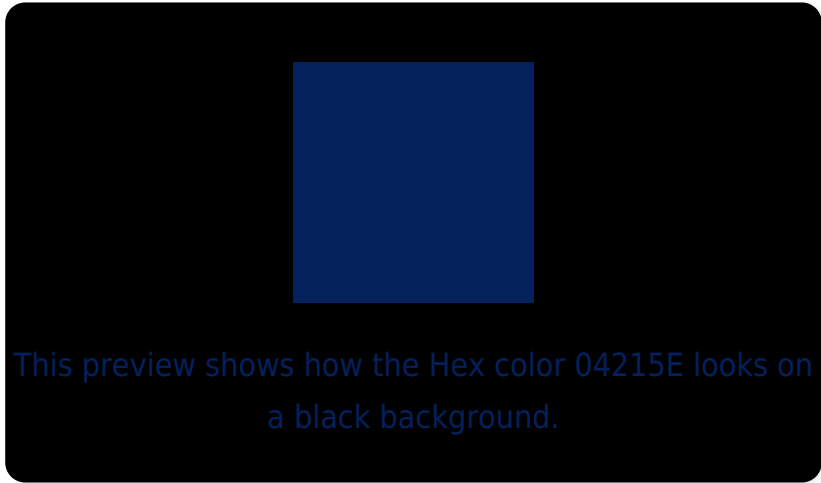
Large Text (above 18pt) WCAG AA ✓ Pass

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

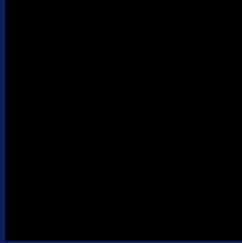
Any Text WCAG AA × Fail

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 04215E Background



This preview shows how black text looks on a background with the Hex color 04215E.



This preview shows how white text looks on a background with the Hex color 04215E.

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
04215E

Protanopia
00254F

Deuteranopia
002844



Tritanopia
002B2E

Trichromacy



Original Color
04215E

Protanomaly
012454

Deuteranomaly
01254D

Tritanomaly
01273F

Monochromacy



Original Color
04215E

Achromatopsia
1F1F1F

Achromatomaly
152036

CSS Examples

Text

The CSS property to change the color of the text to Hex 04215E 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 #04215E looks like.

```
.text, #text, p{  
    color:#04215E  
}
```

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 #04215E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04215E
}
```

Border

The CSS property to change the border of an element to Hex 04215E 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
#04215E }
```

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

```
.border{ border-color:#04215E }
```

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

Here you see how a box with a 4 pixel #04215E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04215E; -webkit-box-shadow:4px 4px  
4px 4px #04215E; box-shadow:4px 4px 4px  
4px #04215E }
```

Background

The CSS property to change the background color of an element to Hex 04215E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04215E }
```

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

```
.background{ background-color:#04215E }
```

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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