

Converting Colors

Hex(00214B)

Have a look what the booklet for
Hex(00214B) contains.

Hex(00214B)	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(00214B)

Conversions

Conversions Part 1

Format	Color
Hex	00214B
RGB	0, 33, 75
RGB Percent	0%, 13%, 29%
CMY	1.0000, 0.8706, 0.7059
CMYK	1.00, 0.56, 0.00, 0.71
HSL	214°, 100%, 15%
HSV	214°, 100%, 29%
XYZ	1.8139, 1.5957, 6.8690
YIQ	27.9210, -33.1500, 6.0660

Conversions

Conversions Part 2

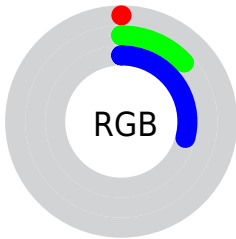
Format	Color
RYB	0, 23, 75
Decimal	8523
CIELab	13.20, 7.74, -29.27
CIELCh	13, 30.271, 284.808
Yxy	1.5957, 0.1765, 0.1552
Android (android.graphics.Color)	4278198603 (0xFF00214B)
YUV	27.9210, 23.2099, -24.4867
Hunter-Lab	12.6322, 3.5246, -23.3977

Details

The Hex color **00214B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4B2A00**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **3B4D7C**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **00214B**, and if you desaturate by 10%, it is **07254B**.

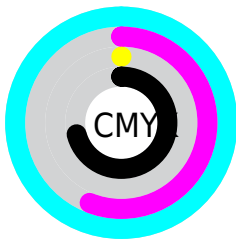
Distribution



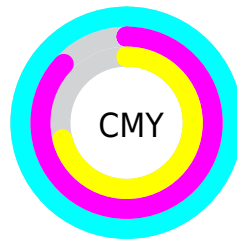
- Red (0%)
- Green (13%)
- Blue (29%)



- Red (0%)
- Yellow (9%)
- Blue (29%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00214B 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 00214B by changing the saturation by 10% instead.

 00214B

 00214B

 F9FFFF

 000A34

 3B4D7C

 00021E

 556496

 000001

 6E7DB1

 000000

 8997CD

 A4B2E9

 C0CDFF

 DCE9FF

 00214B

■ 07254B

■ 0F294B

■ 172E4B

■ 1E324B

■ 26364B

■ 2D3A4B

■ 353E4B

■ 3C434B

■ 44474B

Harmonies

Analogous

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



00274B



00214B



2F1740

Triad

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



00214B



421300



002B16

Complementary

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



00214B



4B2A00

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.



0A2800



00214B



341D00

Square

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



00214B



470919



222400



002B2C

Rectangle

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



00214B



3D0F34



222400



002A0E

Sweetspot

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



00214B



445161



004B29



1F2730



B0B0B0



303030

Same Dimension

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



00214B



002B61



04004B



222426



002D66



0065E6

Inverse Universe

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



4B0021



61002B



474B00



262224



66002D



E60065

Previews

White Background



This preview shows how the Hex color 00214B looks on a white background.

Color Contrast Check

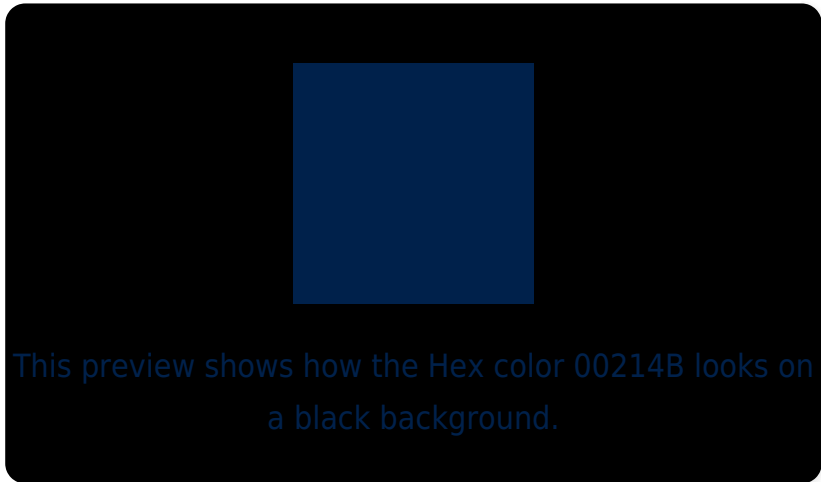
Large Text (above 18pt) WCAG AA ✓ Pass

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

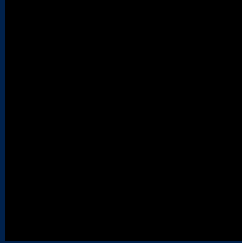
Any Text WCAG AA × Fail

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 00214B Background



This preview shows how black text looks on a background with the Hex color 00214B.



This preview shows how white text looks on a background with the Hex color 00214B.

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
00214B

Protanopia
002248

Deuteranopia
00243E

Trichromacy



Original Color
00214B

Protanomaly
002249

Deuteranomaly
002343

Tritanomaly
002535

Monochromacy



Original Color
00214B

Achromatopsia
1C1C1C

Achromatomaly
121E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00214B 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 #00214B looks like.

```
.text, #text, p{  
    color:#00214B  
}
```

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 #00214B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00214B
}
```

Border

The CSS property to change the border of an element to Hex 00214B 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
#00214B }
```

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

```
.border{ border-color:#00214B }
```

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

Here you see how a box with a 4 pixel #00214B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00214B; -webkit-box-shadow:4px 4px  
4px 4px #00214B; box-shadow:4px 4px 4px  
4px #00214B }
```

Background

The CSS property to change the background color of an element to Hex 00214B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00214B }
```

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

```
.background{ background-color:#00214B }
```

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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