

Converting Colors

Hex(00204D)

Have a look what the booklet for
Hex(00204D) contains.

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Color

Hex(00204D)

Conversions

Conversions Part 1

Format	Color
Hex	00204D
RGB	0, 32, 77
RGB Percent	0%, 13%, 30%
CMY	1.0000, 0.8745, 0.6980
CMYK	1.00, 0.58, 0.00, 0.70
HSL	215°, 100%, 15%
HSV	215°, 100%, 30%
XYZ	1.8561, 1.5688, 7.2262
YIQ	27.5620, -33.5170, 7.2110

Conversions

Conversions Part 2

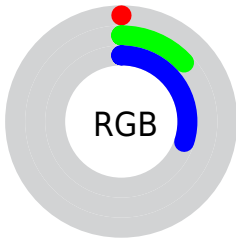
Format	Color
RYB	0, 23, 77
Decimal	8269
CIELab	13.04, 9.48, -30.91
CIELCh	13, 32.326, 287.045
Yxy	1.5688, 0.1743, 0.1473
Android (android.graphics.Color)	4278198349 (0xFF00204D)
YUV	27.5620, 24.3729, -24.1719
Hunter-Lab	12.5254, 4.5316, -25.4380

Details

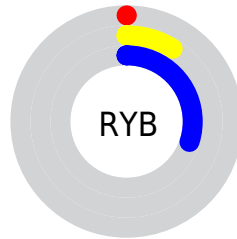
The Hex color **00204D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4D2D00**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **3C4B7F**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **00204D**, and if you desaturate by 10%, it is **08254D**.

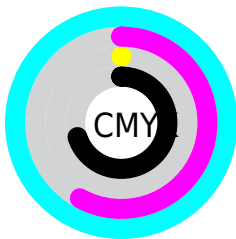
Distribution



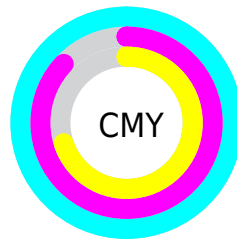
- Red (0%)
- Green (13%)
- Blue (30%)



- Red (0%)
- Yellow (9%)
- Blue (30%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (87%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00204D 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 00204D by changing the saturation by 10% instead.

00204D

00204D

FBFFFF

000836

3C4B7F

000220

556399

000004

707CB4

000000

8A96CF

A5B0EC

C1CCFF

DEE8FF

00204D

■ 08254D

■ 0F294D

■ 172E4D

■ 1F324D

■ 27374D

■ 2E3B4D

■ 363F4D

■ 3E444D

■ 45494D

Harmonies

Analogous

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



00274E



00204D



321541

Triad

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



00204D



421200



002B17

Complementary

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



00204D



4D2D00

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.



052900



00204D



331D00

Square

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



00204D



480616



1F2400



002B2E

Rectangle

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



00204D



400B34



1F2400



002A0E

Sweetspot

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



00204D



465263



004D2D



212833



B3B3B3



333333

Same Dimension

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



00204D



002963



06004D



222426



002A66



005FE6

Inverse Universe

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



4D0020



630029



474D00



262224



66002A



E6005F

Previews

White Background



This preview shows how the Hex color 00204D looks on a white background.

Color Contrast Check

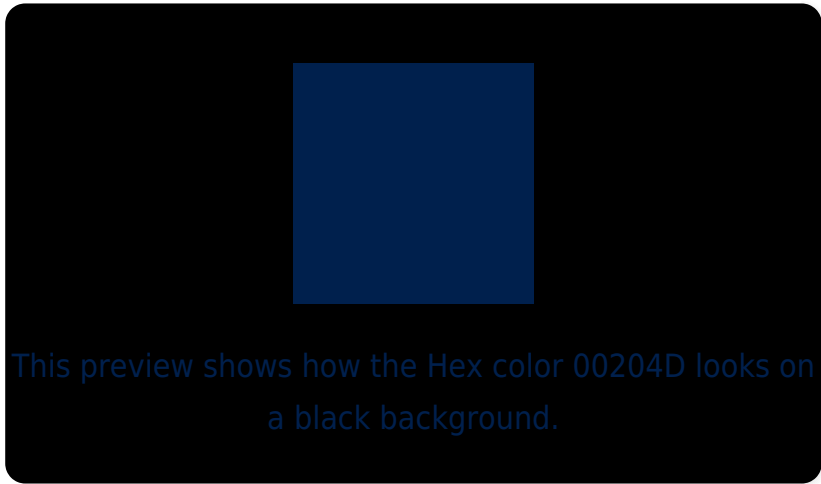
Large Text (above 18pt) WCAG AA ✓ Pass

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

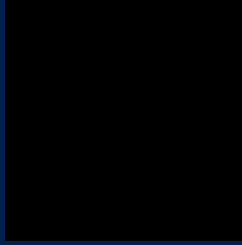
Any Text WCAG AA × Fail

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 00204D Background



This preview shows how black text looks on a background with the Hex color 00204D.



This preview shows how white text looks on a background with the Hex color 00204D.

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
00204D

Protanopia
002247

Deuteranopia
00243D

Trichromacy



Original Color
00204D

Protanomaly
002149

Deuteranomaly
002343

Tritanomaly
002436

Monochromacy



Original Color
00204D

Achromatopsia
1C1C1C

Achromatomaly
121D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00204D 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 #00204D looks like.

```
.text, #text, p{  
    color:#00204D  
}
```

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 #00204D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00204D
}
```

Border

The CSS property to change the border of an element to Hex 00204D 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
#00204D }
```

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

```
.border{ border-color:#00204D }
```

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

Here you see how a box with a 4 pixel #00204D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00204D; -webkit-box-shadow:4px 4px  
4px 4px #00204D; box-shadow:4px 4px 4px  
4px #00204D }
```

Background

The CSS property to change the background color of an element to Hex 00204D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00204D }
```

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

```
.background{ background-color:#00204D }
```

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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