

Converting Colors

Hex(03124D)

Have a look what the booklet for
Hex(03124D) contains.

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Color

Hex(03124D)

Conversions

Conversions Part 1

Format	Color
Hex	03124D
RGB	3, 18, 77
RGB Percent	1%, 7%, 30%
CMY	0.9882, 0.9294, 0.6980
CMYK	0.96, 0.77, 0.00, 0.70
HSL	228°, 92%, 16%
HSV	228°, 96%, 30%
XYZ	1.5934, 0.9878, 7.1279
YIQ	20.2410, -27.8790, 15.1690

Conversions

Conversions Part 2

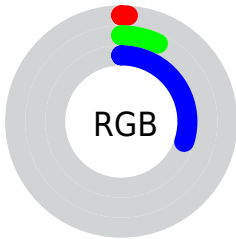
Format	Color
R_{YB}	3, 15, 77
Decimal	201293
CIE Lab	8.89, 20.69, -37.69
CIE LCh	9, 42.996, 298.758
Yxy	0.9878, 0.1641, 0.1017
Android (android.graphics.Color)	4278391373 (0xFF03124D)
YUV	20.2410, 27.9822, -15.1204
Hunter-Lab	9.9388, 11.2248, -35.5642

Details

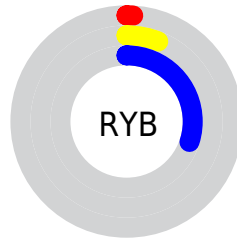
The Hex color **03124D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4D3E03**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **3F3C7F**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **00104D**, and if you desaturate by 10%, it is **0B184D**.

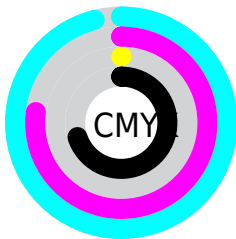
Distribution



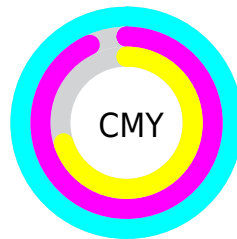
- Red (1%)
- Green (7%)
- Blue (30%)



- Red (1%)
- Yellow (6%)
- Blue (30%)



- Cyan (96%)
- Magenta (77%)
- Yellow (0%)
- Black (70%)



- Cyan (99%)
- Magenta (93%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03124D 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 03124D by changing the saturation by 10% instead.

 03124D

 03124D

 FFF2FF

 000036

 3F3C7F

 000220

 595399

 000003

 736BB4

 000000

 8E84D0

 A99FEC

 C5BAFF

 E2D5FF

 03124D

 03124D

■ 00104D

■ 0B184D

■ 121E4D

■ 1A244D

■ 222B4D

■ 2A314D

■ 31374D

■ 393D4D

■ 41434D

■ 48494D

Harmonies

Analogous

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



001E54



03124D



380038

Triad

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



03124D



370800



002617

Complementary

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



03124D



4D3E03

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.



002500



03124D



221800

Square

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



03124D



450000



002000



002735

Rectangle

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



03124D



440025



002000



00250A

Sweetspot

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



03124D



474C63



034D3D



212533



B3B3B3



333333

Same Dimension

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



03124D



001463



18034D



222326



001566



002FE6

Inverse Universe

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



4D0312



630014



384D03



262223



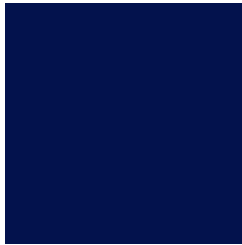
660015



E6002F

Previews

White Background



This preview shows how the Hex color 03124D looks on a white background.

Color Contrast Check

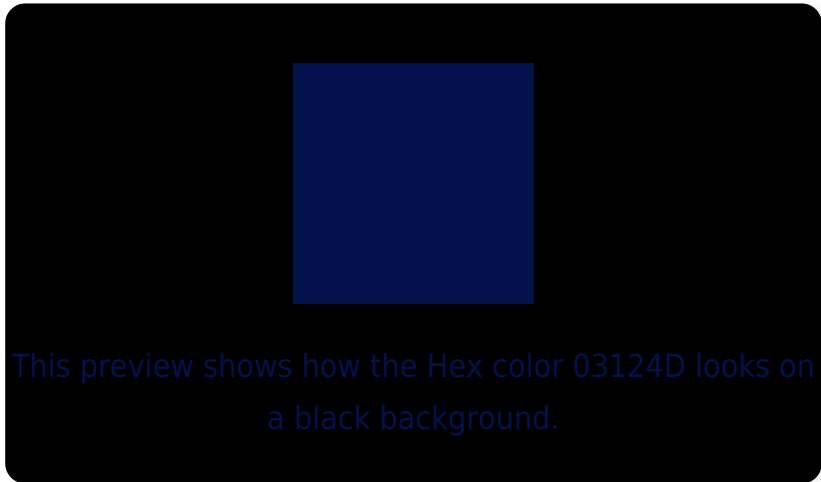
Large Text (above 18pt) WCAG AA ✓ Pass

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

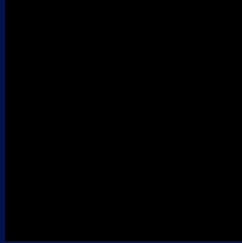
Any Text WCAG AA × Fail

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 03124D Background



This preview shows how black text looks on a background with the Hex color 03124D.



This preview shows how white text looks on a background with the Hex color 03124D.

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
03124D

Protanopia
001A37

Deuteranopia
001C2F



Tritanopia
001E20

Trichromacy



Original Color
03124D

Protanomaly
01173F

Deuteranomaly
01183A

Tritanomaly
011A30

Monochromacy



Original Color
03124D

Achromatopsia
141414

Achromatomaly
0E1329

CSS Examples

Text

The CSS property to change the color of the text to Hex 03124D 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 #03124D looks like.

```
.text, #text, p{  
    color:#03124D  
}
```

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 #03124D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03124D
}
```

Border

The CSS property to change the border of an element to Hex 03124D 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
#03124D }
```

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

```
.border{ border-color:#03124D }
```

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

Here you see how a box with a 4 pixel #03124D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03124D; -webkit-box-shadow:4px 4px  
4px 4px #03124D; box-shadow:4px 4px 4px  
4px #03124D }
```

Background

The CSS property to change the background color of an element to Hex 03124D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03124D }
```

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

```
.background{ background-color:#03124D }
```

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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