

Converting Colors

Hex(001964)

Have a look what the booklet for
Hex(001964) contains.

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Color

Hex(001964)

Conversions

Conversions Part 1

Format	Color
Hex	001964
RGB	0, 25, 100
RGB Percent	0%, 10%, 39%
CMY	1.0000, 0.9020, 0.6078
CMYK	1.00, 0.75, 0.00, 0.61
HSL	225°, 100%, 20%
HSV	225°, 100%, 39%
XYZ	2.6479, 1.6154, 12.2288
YIQ	26.0750, -38.9750, 18.0250

Conversions

Conversions Part 2

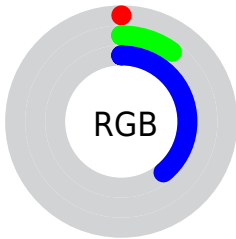
Format	Color
RYB	0, 20, 100
Decimal	6500
CIELab	13.32, 25.18, -45.94
CIELCh	13, 52.386, 298.728
Yxy	1.6154, 0.1606, 0.0979
Android (android.graphics.Color)	4278196580 (0xFF001964)
YUV	26.0750, 36.4450, -22.8678
Hunter-Lab	12.7097, 14.9460, -48.1500

Details

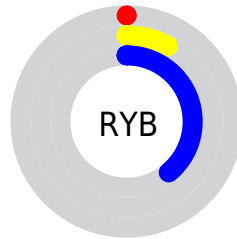
The Hex color **001964** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **644B00**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **464498**, and **000434** is the 20% darker color. If you saturate the color by 10%, you get **001964**, and if you desaturate by 10%, it is **0A2164**.

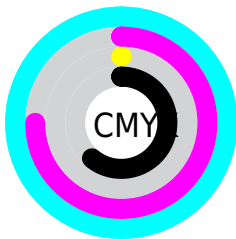
Distribution



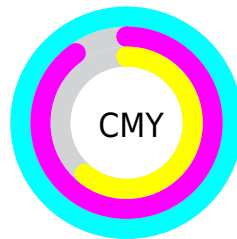
- Red (0%)
- Green (10%)
- Blue (39%)



- Red (0%)
- Yellow (8%)
- Blue (39%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (90%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 001964 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 001964 by changing the saturation by 10% instead.

001964

001964

FFFCFF

00014C

464498

000434

615CB3

00021E

7C74CF

000000

988EEB

B4A8FF

D1C4FF

EEE0FF

001964

■ 0A2164

■ 142864

■ 1E3064

■ 283764

■ 323F64

■ 3C4664

■ 464E64

■ 505564

■ 5A5D64

Harmonies

Analogous

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



00296D



001964



490049

Triad

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



001964



480C00



003020

Complementary

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



001964



644B00

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



001964



2D2100

Square

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



001964



5A0000



022A00



003045

Rectangle

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



001964



580032



022A00



003012

Sweetspot

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



001964



5B6582



00644B



2A3042



C2C2C2



424242

Same Dimension

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



001964



002182



190064



2E2F33



001D73



003DF2

Inverse Universe

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



640019



820021



4B6400



332E2F



73001D



F2003D

Previews

White Background



This preview shows how the Hex color 001964 looks on a white background.

Color Contrast Check

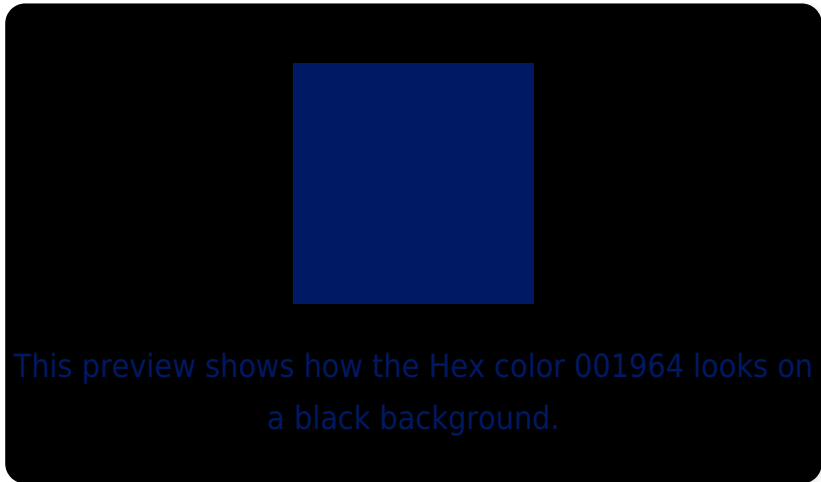
Large Text (above 18pt) WCAG AA ✓ Pass

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

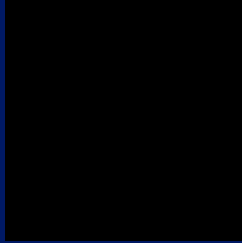
Any Text WCAG AA × Fail

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 001964 Background



This preview shows how black text looks on a background with the Hex color 001964.



This preview shows how white text looks on a background with the Hex color 001964.

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
001964

Protanopia
002349

Deuteranopia
00253E

Trichromacy



Original Color

001964

Protanomaly

001F53

Deuteranomaly

00214C

Monochromacy



Original Color

001964

Achromatopsia

1A1A1A

Achromatomaly

111A35

CSS Examples

Text

The CSS property to change the color of the text to Hex 001964 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 #001964 looks like.

```
.text, #text, p{  
    color:#001964  
}
```

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 #001964 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001964
}
```

Border

The CSS property to change the border of an element to Hex 001964 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
#001964 }
```

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

```
.border{ border-color:#001964 }
```

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

Here you see how a box with a 4 pixel #001964 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001964; -webkit-box-shadow:4px 4px  
4px 4px #001964; box-shadow:4px 4px 4px  
4px #001964 }
```

Background

The CSS property to change the background color of an element to Hex 001964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001964 }
```

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

```
.background{ background-color:#001964 }
```

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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