

Converting Colors

Hex(002628)

Have a look what the booklet for
Hex(002628) contains.

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Color

Hex(002628)

Conversions

Conversions Part 1

Format	Color
Hex	002628
RGB	0, 38, 40
RGB Percent	0%, 15%, 16%
CMY	1.0000, 0.8510, 0.8431
CMYK	1.00, 0.05, 0.00, 0.84
HSL	183°, 100%, 8%
HSV	183°, 100%, 16%
XYZ	1.0761, 1.5394, 2.2479
YIQ	26.8660, -23.2900, -7.4340

Conversions

Conversions Part 2

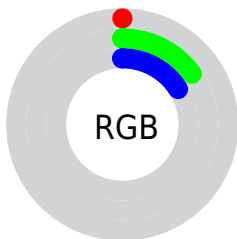
Format	Color
RYB	0, 19, 40
Decimal	9768
CIELab	12.86, -12.11, -5.11
CIELCh	13, 13.144, 202.894
Yxy	1.5394, 0.2213, 0.3165
Android (android.graphics.Color)	4278199848 (0xFF002628)
YUV	26.8660, 6.4751, -23.5615
Hunter-Lab	12.4074, -6.2312, -2.0567

Details

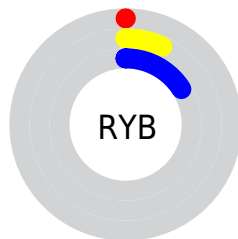
The Hex color **002628** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **280200**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **305355**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **002628**, and if you desaturate by 10%, it is **042628**.

Distribution



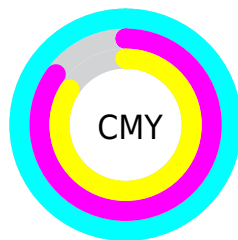
- Red (0%)
- Green (15%)
- Blue (16%)



- Red (0%)
- Yellow (7%)
- Blue (16%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 002628 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 002628 by changing the saturation by 10% instead.

 002628

 002628

 E7FFFF

 001214

 305355

 000000

 486B6D

 608586

 7A9FA1

 94BABC

 AFD5D7

 CBF2F4

 002628

■ 042628

■ 082628

■ 0C2728

■ 102728

■ 142728

■ 182728

■ 1C2728

■ 202828

■ 242828

Harmonies

Analogous

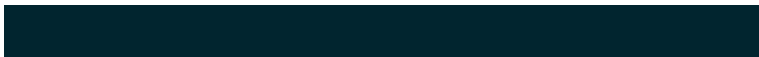
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



09261F



002628



01252F

Triad

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



002628



2B1C2C



29200E

Complementary

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



002628



280200

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.



301D13



002628



311A24

Square

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



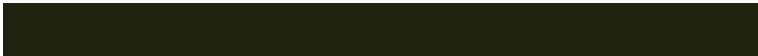
002628



1F2032



331B1B



202310

Rectangle

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



002628



0A2432



331B1B



2C1F0F

Sweetspot

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



002628



243233



002802



10191A



999999



1A1A1A

Same Dimension

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



002628



003033



001228



121414



005054



00C9D4

Inverse Universe

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



280026



330030



281600



141214



540050



D400C9

Previews

White Background



This preview shows how the Hex color 002628 looks on a white background.

Color Contrast Check

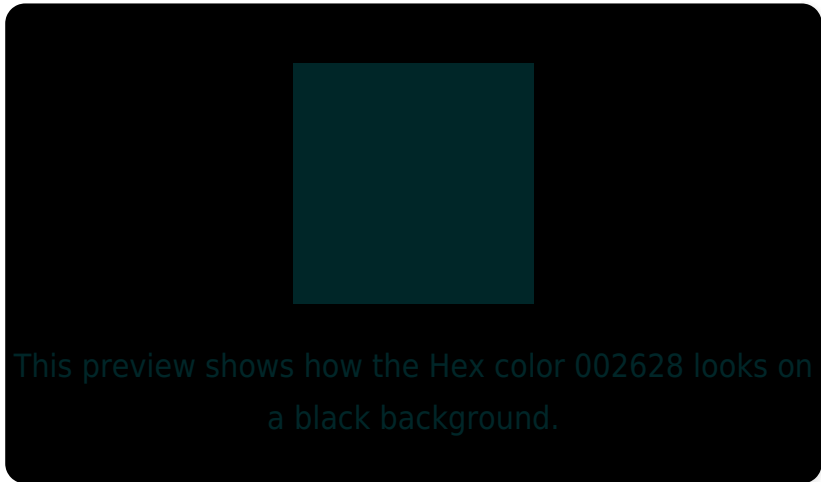
Large Text (above 18pt) WCAG AA ✓ Pass

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

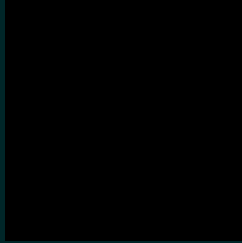
Any Text WCAG AA × Fail

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 002628 Background



This preview shows how black text looks on a background with the Hex color 002628.



This preview shows how white text looks on a background with the Hex color 002628.

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
002628

Protanopia
222225

Deuteranopia
222129



Tritanopia
042629

Trichromacy



Original Color

002628

Protanomaly

162326

Deuteranomaly

162329

Tritanomaly

032629

Monochromacy



Original Color

002628

Achromatopsia

1B1B1B

Achromatomaly

111F20

CSS Examples

Text

The CSS property to change the color of the text to Hex 002628 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 #002628 looks like.

```
.text, #text, p{  
    color:#002628  
}
```

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 #002628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002628
}
```

Border

The CSS property to change the border of an element to Hex 002628 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
#002628 }
```

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

```
.border{ border-color:#002628 }
```

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

Here you see how a box with a 4 pixel #002628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002628; -webkit-box-shadow:4px 4px  
4px 4px #002628; box-shadow:4px 4px 4px  
4px #002628 }
```

Background

The CSS property to change the background color of an element to Hex 002628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002628 }
```

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

```
.background{ background-color:#002628 }
```

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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