

Converting Colors

Hex(020628)

Have a look what the booklet for
Hex(020628) contains.

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Color

Hex(020628)

Conversions

Conversions Part 1

Format	Color
Hex	020628
RGB	2, 6, 40
RGB Percent	1%, 2%, 16%
CMY	0.9922, 0.9765, 0.8431
CMYK	0.95, 0.85, 0.00, 0.84
HSL	234°, 90%, 8%
HSV	234°, 95%, 16%
XYZ	0.4732, 0.2964, 2.0397
YIQ	8.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

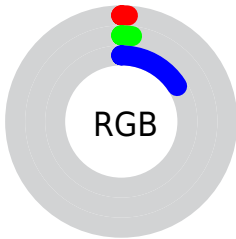
Format	Color
RYB	2, 6, 40
Decimal	132648
CIELab	2.68, 7.84, -20.92
CIELCh	3, 22.338, 290.558
Yxy	0.2964, 0.1684, 0.1055
Android (android.graphics.Color)	4278322728 (0xFF020628)
YUV	8.6800, 15.4408, -5.8584
Hunter-Lab	5.4439, 5.9879, -18.4045

Details

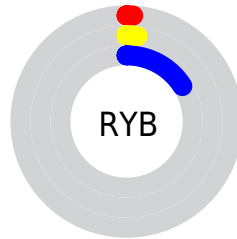
The Hex color **020628** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **282402**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **2F3455**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **000428**, and if you desaturate by 10%, it is **060A28**.

Distribution



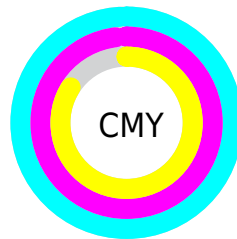
- Red (1%)
- Green (2%)
- Blue (16%)



- Red (1%)
- Yellow (2%)
- Blue (16%)



- Cyan (95%)
- Magenta (85%)
- Yellow (0%)
- Black (84%)



- Cyan (99%)
- Magenta (98%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020628 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 020628 by changing the saturation by 10% instead.

■ 020628

■ 020628

■ E5E7FF

■ 000112

■ 2F3455

■ 000000

■ 474A6E

■ 5F6287

■ 787BA1

■ 9295BD

■ ADAFD8

■ C9CBF5

■ 020628

■ 020628

■ 000428

■ 060A28

■ 0A0D28

■ 0E1128

■ 121428

■ 161828

■ 1A1B28

■ 1E1F28

■ 222328

■ 262628

Harmonies

Analogous

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



000F29



020628



1C0020

Triad

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



020628



220000



001100

Complementary

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



020628



282402

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.



001100



020628



150600

Square

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



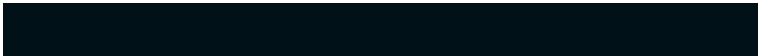
020628



280000



000F00



001217

Rectangle

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



020628



230017



000F00



001100

Sweetspot

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



020628



242633



022824



11121A



999999



1A1A1A

Same Dimension

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



020628



000533



110228



121314



000954



0016D4

Inverse Universe

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



280206



330005



192802



141213



540009



D40016

Previews

White Background



This preview shows how the Hex color 020628 looks on a white background.

Color Contrast Check

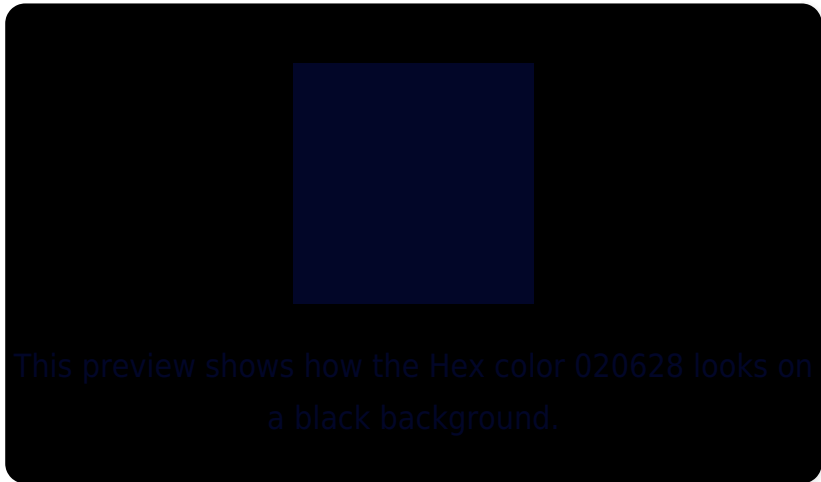
Large Text (above 18pt) WCAG AA ✓ Pass

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

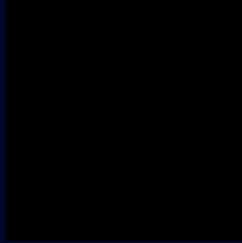
Any Text WCAG AA × Fail

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 020628 Background



This preview shows how black text looks on a background with the Hex color 020628.



This preview shows how white text looks on a background with the Hex color 020628.

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
020628

Protanopia
000C1A

Deuteranopia
000D16



Tritanopia
000E0F

Trichromacy



Original Color
020628

Protanomaly
010A1F

Deuteranomaly
010A1D

Tritanomaly
010B18

Monochromacy



Original Color
020628

Achromatopsia
090909

Achromatomaly
060814

CSS Examples

Text

The CSS property to change the color of the text to Hex 020628 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 #020628 looks like.

```
.text, #text, p{  
    color:#020628  
}
```

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 #020628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020628
}
```

Border

The CSS property to change the border of an element to Hex 020628 is called "border". The border property can be set on classes, ids or directly on the HTML element.

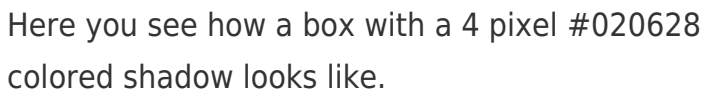
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#020628 }
```

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

```
.border{ border-color:#020628 }
```

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



Here you see how a box with a 4 pixel #020628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020628; -webkit-box-shadow:4px 4px  
4px 4px #020628; box-shadow:4px 4px 4px  
4px #020628 }
```

Background

The CSS property to change the background color of an element to Hex 020628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020628 }
```

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

```
.background{ background-color:#020628 }
```

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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