

Converting Colors

Hex(020058)

Have a look what the booklet for
Hex(020058) contains.

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Color

Hex(020058)

Conversions

Conversions Part 1

Format	Color
Hex	020058
RGB	2, 0, 88
RGB Percent	1%, 0%, 35%
CMY	0.9922, 1.0000, 0.6549
CMYK	0.98, 1.00, 0.00, 0.65
HSL	241°, 100%, 17%
HSV	241°, 100%, 35%
XYZ	1.7865, 0.7175, 9.2768
YIQ	10.6300, -27.0560, 27.7920

Conversions

Conversions Part 2

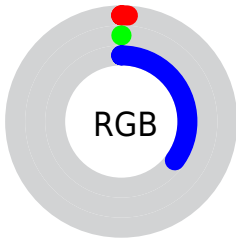
Format	Color
R_{YB}	2, 0, 88
Decimal	131160
CIE _{Lab}	6.48, 36.04, -49.25
CIE _{LCh}	6, 61.024, 306.198
Yxy	0.7175, 0.1516, 0.0609
Android (android.graphics.Color)	4278321240 (0xFF020058)
YUV	10.6300, 38.1434, -7.5685
Hunter-Lab	8.4705, 22.8238, -59.0051

Details

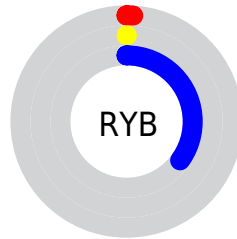
The Hex color **020058** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **565800**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **452C8B**, and **000329** is the 20% darker color. If you saturate the color by 10%, you get **020058**, and if you desaturate by 10%, it is **0B0958**.

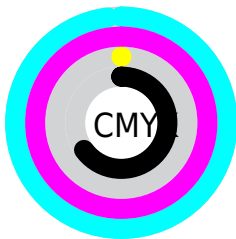
Distribution



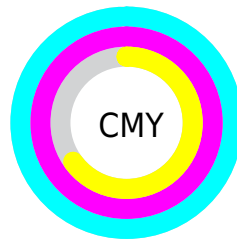
- Red (1%)
- Green (0%)
- Blue (35%)



- Red (1%)
- Yellow (0%)
- Blue (35%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (65%)



- Cyan (99%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 020058 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 020058 by changing the saturation by 10% instead.

 020058

 020058

 FFE1FF

 000040

 452C8B

 000329

 6043A6

 000113

 7B5BC2

 000000

 9774DE

 B38EFB

 D0A9FF

 EDC4FF

 020058

■ 0B0958

■ 131258

■ 1C1A58

■ 242358

■ 2D2C58

■ 363558

■ 3E3E58

■ 474658

■ 4F4F58

Harmonies

Analogous

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



001B69



020058



450036

Triad

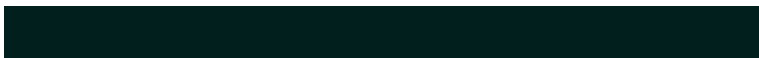
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



020058



330100



001F1D

Complementary

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



020058



565800

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.



001F00



020058



121700

Square

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



020058



490000



001F00



002245

Rectangle

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



020058



50001C



001F00



001F0C

Sweetspot

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



020058



515073



005758



26263B



BABABA



3B3B3B

Same Dimension

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



020058



030073



2D0058



27272B



02006B



0500EB

Inverse Universe

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



580056



730070



2B5800



2B272B



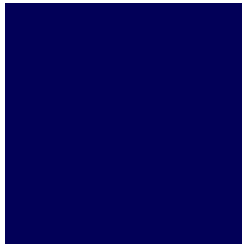
6B0069



EB00E5

Previews

White Background



This preview shows how the Hex color 020058 looks on a white background.

Color Contrast Check

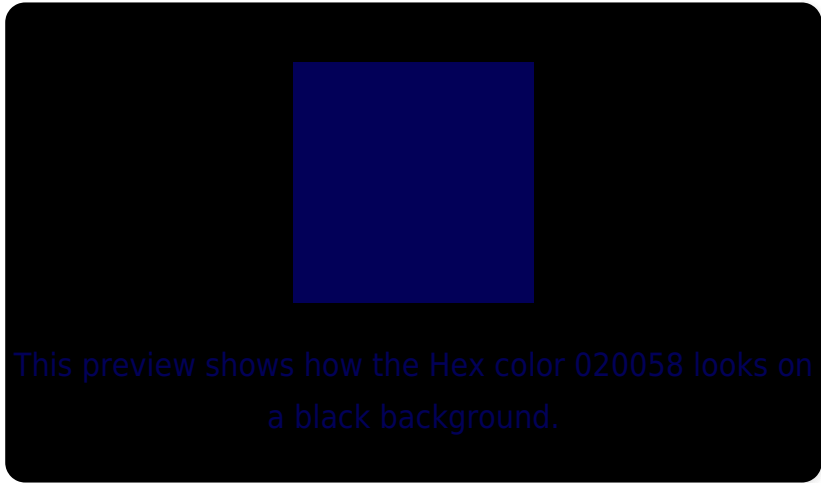
Large Text (above 18pt) WCAG AA ✓ Pass

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

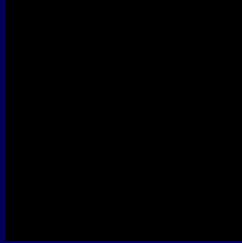
Any Text WCAG AA × Fail

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 020058 Background



This preview shows how black text looks on a background with the Hex color 020058.



This preview shows how white text looks on a background with the Hex color 020058.

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
020058

Protanopia
001A36

Deuteranopia
001B2E

Trichromacy



Original Color
020058

Protanomaly
011142

Deuteranomaly
01113D

Monochromacy



Original Color
020058

Achromatopsia
0B0B0B

Achromatomaly
080727

CSS Examples

Text

The CSS property to change the color of the text to Hex 020058 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 #020058 looks like.

```
.text, #text, p{  
    color:#020058  
}
```

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 #020058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #020058
}
```

Border

The CSS property to change the border of an element to Hex 020058 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
#020058 }
```

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

```
.border{ border-color:#020058 }
```

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

Here you see how a box with a 4 pixel #020058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #020058; -webkit-box-shadow:4px 4px  
4px 4px #020058; box-shadow:4px 4px 4px  
4px #020058 }
```

Background

The CSS property to change the background color of an element to Hex 020058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#020058 }
```

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

```
.background{ background-color:#020058 }
```

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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