

Converting Colors

Hex(20001A)

Have a look what the booklet for
Hex(20001A) contains.

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Color

Hex(20001A)

Conversions

Conversions Part 1

Format	Color
Hex	20001A
RGB	32, 0, 26
RGB Percent	13%, 0%, 10%
CMY	0.8745, 1.0000, 0.8980
CMYK	0.00, 1.00, 0.19, 0.87
HSL	311°, 100%, 6%
HSV	311°, 100%, 13%
XYZ	0.7821, 0.3817, 1.0097
YIQ	12.5320, 10.7260, 14.8700

Conversions

Conversions Part 2

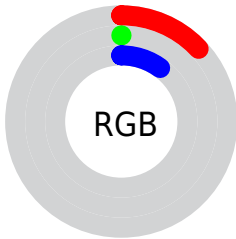
Format	Color
RYB	32, 0, 26
Decimal	2097178
CIELab	3.45, 17.18, -8.49
CIElCh	3, 19.162, 333.704
Yxy	0.3817, 0.3598, 0.1756
Android (android.graphics.Color)	4280287258 (0xFF20001A)
YUV	12.5320, 6.6397, 17.0734
Hunter-Lab	6.1778, 11.7869, -5.3661

Details

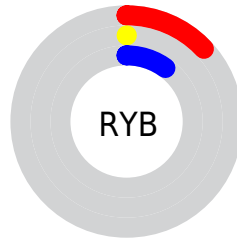
The Hex color **20001A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **002006**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **4B2F45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20001A**, and if you desaturate by 10%, it is **20031B**.

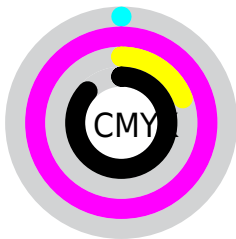
Distribution



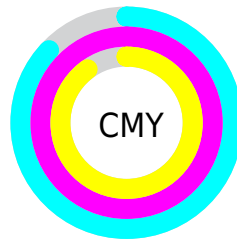
- Red (13%)
- Green (0%)
- Blue (10%)



- Red (13%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (19%)
- Black (87%)



- Cyan (87%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20001A 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 20001A by changing the saturation by 10% instead.

 20001A

 20001A

 FFE2FD

 000000

 4B2F45

 63455C

 7D5D75

 97768F

 B290A9

 CDAAC4

 EAC6E0

 20001A

■ 20031B

■ 20061B

■ 200A1C

■ 200D1C

■ 20101D

■ 20131E

■ 20161E

■ 201A1F

■ 201D1F

Harmonies

Analogous

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



120623



20001A



26000A

Triad

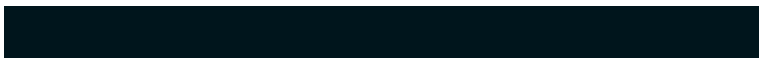
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20001A



0F0D00



00151C

Complementary

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



20001A



002006

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.



00150E



20001A



001200

Square

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



20001A



1D0500



001400



001324

Rectangle

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



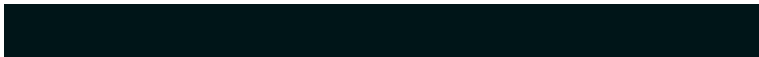
20001A



260000



001400



001518

Sweetspot

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



20001A



291D27



060020



140D13



949494



141414

Same Dimension

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



20001A



290021



20000A



0F0E0F



4F0040



CF00A8

Inverse Universe

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



20001A



290021



002016



0F0E0F



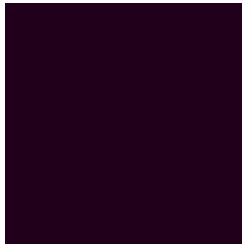
4F0040



CF00A8

Previews

White Background



This preview shows how the Hex color 20001A looks on a white background.

Color Contrast Check

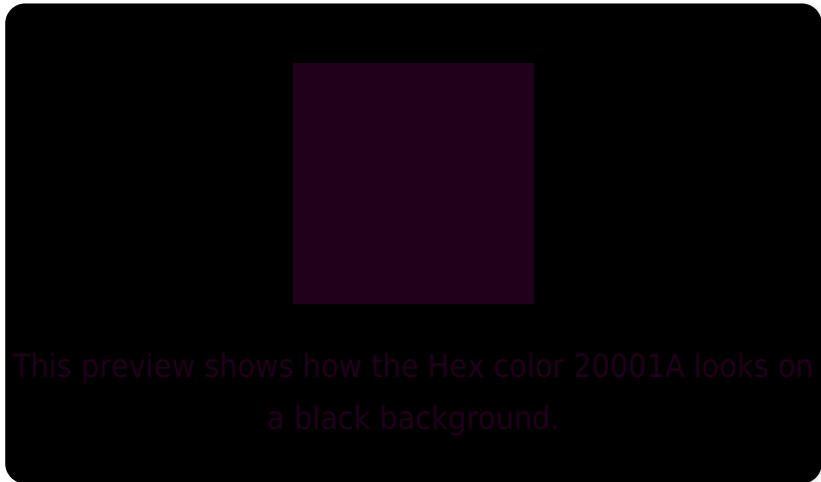
Large Text (above 18pt) WCAG AA ✓ Pass

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

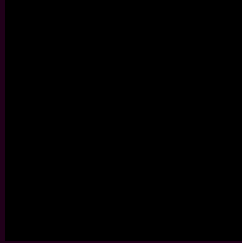
Any Text WCAG AA × Fail

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 20001A Background



This preview shows how black text looks on a background with the Hex color 20001A.



This preview shows how white text looks on a background with the Hex color 20001A.

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
20001A

Protanopia
001124

Deuteranopia
0F1118



Tritanopia
1F0A0B

Trichromacy



Original Color
20001A

Protanomaly
0C0B20

Deuteranomaly
150B19

Tritanomaly
1F0610

Monochromacy



Original Color
20001A

Achromatopsia
0D0D0D

Achromatomaly
140812

CSS Examples

Text

The CSS property to change the color of the text to Hex 20001A 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 #20001A looks like.

```
.text, #text, p{  
    color:#20001A  
}
```

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 #20001A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20001A
}
```

Border

The CSS property to change the border of an element to Hex 20001A is called "border". The border property can be set on classes, ids or directly on the HTML element.

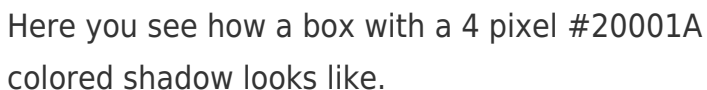
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20001A }
```

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

```
.border{ border-color:#20001A }
```

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



Here you see how a box with a 4 pixel #20001A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20001A; -webkit-box-shadow:4px 4px  
4px 4px #20001A; box-shadow:4px 4px 4px  
4px #20001A }
```

Background

The CSS property to change the background color of an element to Hex 20001A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20001A }
```

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

```
.background{ background-color:#20001A }
```

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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