

Converting Colors

Hex(20051A)

Have a look what the booklet for
Hex(20051A) contains.

Hex(20051A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(20051A)

Conversions

Conversions Part 1

Format	Color
Hex	20051A
RGB	32, 5, 26
RGB Percent	13%, 2%, 10%
CMY	0.8745, 0.9804, 0.8980
CMYK	0.00, 0.84, 0.19, 0.87
HSL	313°, 73%, 7%
HSV	313°, 84%, 13%
XYZ	0.8364, 0.4902, 1.0278
YIQ	15.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

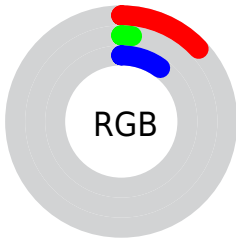
Format	Color
RYB	32, 5, 26
Decimal	2098458
CIELab	4.43, 15.18, -7.05
CIELCh	4, 16.733, 335.090
Yxy	0.4902, 0.3552, 0.2082
Android (android.graphics.Color)	4280288538 (0xFF20051A)
YUV	15.4670, 5.1928, 14.4994
Hunter-Lab	7.0014, 9.0711, -3.8028

Details

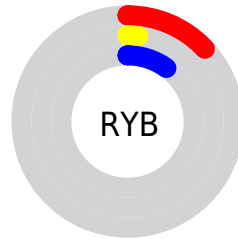
The Hex color **20051A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **05200B**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **4C3245**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **200219**, and if you desaturate by 10%, it is **20081B**.

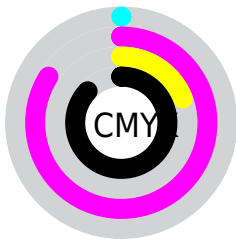
Distribution



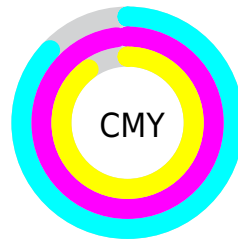
- Red (13%)
- Green (2%)
- Blue (10%)



- Red (13%)
- Yellow (2%)
- Blue (10%)



- Cyan (0%)
- Magenta (84%)
- Yellow (19%)
- Black (87%)



- Cyan (87%)
- Magenta (98%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20051A 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 20051A by changing the saturation by 10% instead.

■ 20051A

■ 20051A

■ FFE6FD

■ 000000

■ 4C3245

■ 64495C

■ 7D6175

■ 977A8F

■ B293A9

■ CEAEC4

■ EACAE0

■ 20051A

■ 20051A

■ 200219

■ 20081B

■ 200019

■ 200B1B

■ 200F1C

■ 20121D

■ 20151E

■ 20181E

■ 201B1F

■ 201F20

■ 202220

Harmonies

Analogous

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



140A22



20051A



25030D

Triad

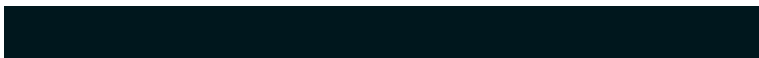
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20051A



131000



00171D

Complementary

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



20051A



05200B

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.



001811



20051A



001400

Square

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



20051A



1E0A00



001600



001424

Rectangle

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



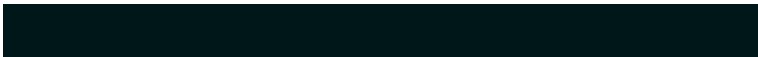
20051A



260400



001600



001719

Sweetspot

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



20051A



291F27



0B0520



140E13



949494



141414

Same Dimension

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



20051A



290020



20050D



0F0E0F



4F003D



CF00A1

Inverse Universe

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



20051A



290020



052018



0F0E0F



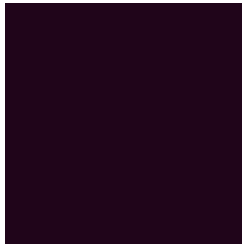
4F003D



CF00A1

Previews

White Background



This preview shows how the Hex color 20051A looks on a white background.

Color Contrast Check

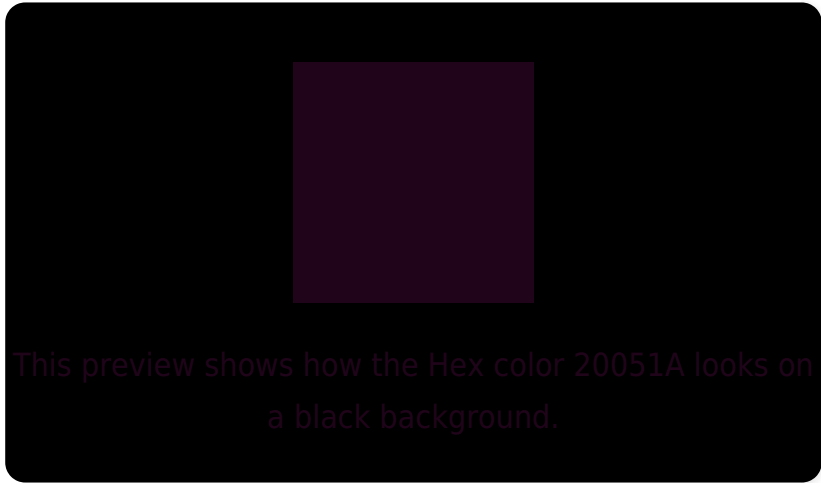
Large Text (above 18pt) WCAG AA ✓ Pass

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

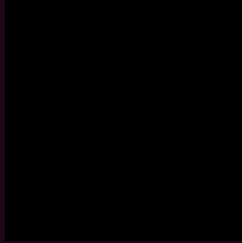
Any Text WCAG AA × Fail

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 20051A Background



This preview shows how black text looks on a background with the Hex color 20051A.



This preview shows how white text looks on a background with the Hex color 20051A.

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](#).

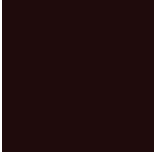
Dichromacy



Original Color
20051A

Protanopia
061124

Deuteranopia
101218



Trichromacy



Original Color
20051A

Protanomaly
0F0D20

Deuteranomaly
160D19

Tritanomaly
1F0911

Monochromacy



Original Color
20051A

Achromatopsia
0F0F0F

Achromatomaly
150B13

CSS Examples

Text

The CSS property to change the color of the text to Hex 20051A 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 #20051A looks like.

```
.text, #text, p{  
    color:#20051A  
}
```

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 #20051A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20051A
}
```

Border

The CSS property to change the border of an element to Hex 20051A is called "border". The border property can be set on classes, ids or directly on the HTML element.

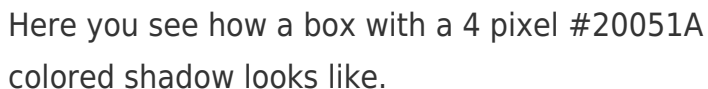
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20051A }
```

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

```
.border{ border-color:#20051A }
```

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



Here you see how a box with a 4 pixel #20051A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20051A; -webkit-box-shadow:4px 4px  
4px 4px #20051A; box-shadow:4px 4px 4px  
4px #20051A }
```

Background

The CSS property to change the background color of an element to Hex 20051A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20051A }
```

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

```
.background{ background-color:#20051A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor