

Converting Colors

Hex(20081E)

Have a look what the booklet for
Hex(20081E) contains.

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Color

Hex(20081E)

Conversions

Conversions Part 1

Format	Color
Hex	20081E
RGB	32, 8, 30
RGB Percent	13%, 3%, 12%
CMY	0.8745, 0.9686, 0.8824
CMYK	0.00, 0.75, 0.06, 0.87
HSL	305°, 60%, 8%
HSV	305°, 75%, 13%
XYZ	0.9168, 0.5745, 1.2909
YIQ	17.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

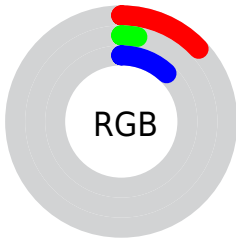
Format	Color
R_YB	32, 8, 30
Decimal	2099230
CIE Lab	5.19, 15.10, -9.07
CIE LCh	5, 17.618, 329.011
Yxy	0.5745, 0.3295, 0.2065
Android (android.graphics.Color)	4280289310 (0xFF20081E)
YUV	17.6840, 6.0718, 12.5551
Hunter-Lab	7.5794, 8.3281, -4.7921

Details

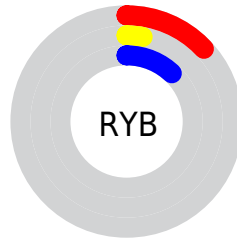
The Hex color **20081E** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **08200A**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **4C344A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **20051E**, and if you desaturate by 10%, it is **200B1E**.

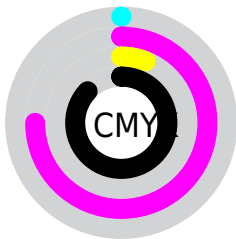
Distribution



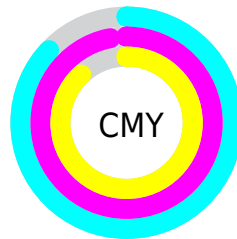
- Red (13%)
- Green (3%)
- Blue (12%)



- Red (13%)
- Yellow (3%)
- Blue (12%)



- Cyan (0%)
- Magenta (75%)
- Yellow (6%)
- Black (87%)



- Cyan (87%)
- Magenta (97%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20081E 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 20081E by changing the saturation by 10% instead.

 20081E

 20081E

 FFE8FF

 000002

 4C344A

 000000

 644B61

 7D637A

 977C94

 B296AF

 CEB0CA

 EACCE6

 20081E

 20081E

■ 20051E

■ 200B1E

■ 20021D

■ 200E1F

■ 20001D

■ 20121F

■ 20151F

■ 20181F

■ 201B20

■ 201E20

■ 202220

■ 202520

Harmonies

Analogous

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



120E26



20081E



260512

Triad

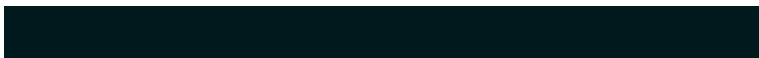
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



20081E



181100



00191D

Complementary

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



20081E



08200A

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.



001910



20081E



071500

Square

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



20081E



220B00



001800



001725

Rectangle

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



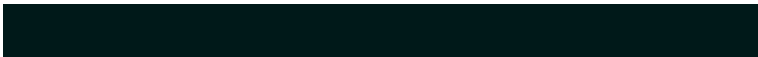
20081E



280506



001800



001919

Sweetspot

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



20081E



291F28



0A0820



140F14



949494



141414

Same Dimension

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



20081E



290426



200812



0F0E0F



4F0048



CF00BD

Inverse Universe

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



20081E



290426



082016



0F0E0F



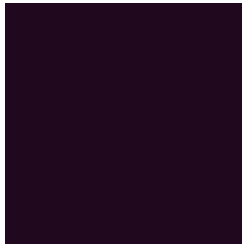
4F0048



CF00BD

Previews

White Background



This preview shows how the Hex color 20081E looks on a white background.

Color Contrast Check

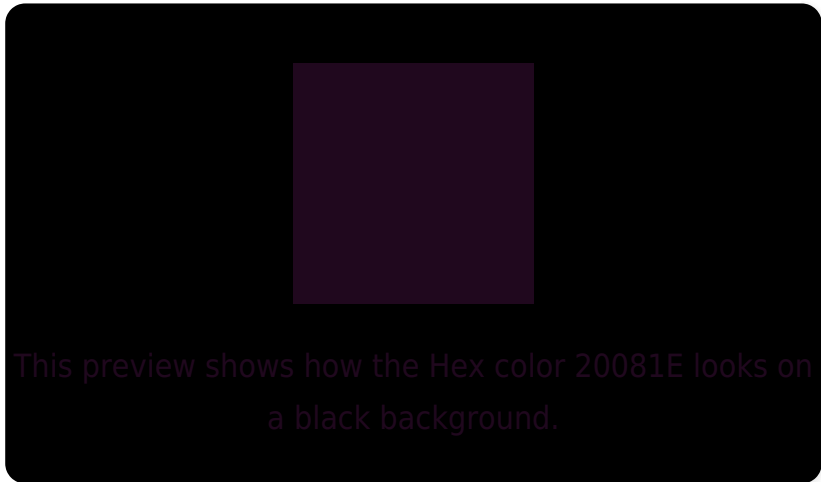
Large Text (above 18pt) WCAG AA ✓ Pass

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

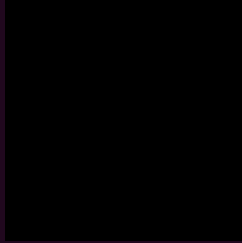
Any Text WCAG AA × Fail

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 20081E Background



This preview shows how black text looks on a background with the Hex color 20081E.



This preview shows how white text looks on a background with the Hex color 20081E.

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
20081E

Protanopia
001227

Deuteranopia
0F131C



Tritanopia
1E0E0E

Trichromacy



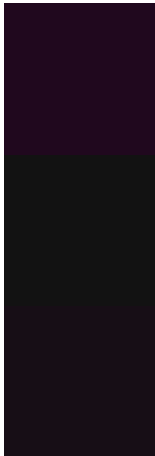
Original Color
20081E

Protanomaly
0C0E24

Deuteranomaly
150F1D

Tritanomaly
1F0C14

Monochromacy



Original Color
20081E

Achromatopsia
121212

Achromatomaly
170E16

CSS Examples

Text

The CSS property to change the color of the text to Hex 20081E 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 #20081E looks like.

```
.text, #text, p{  
    color:#20081E  
}
```

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 #20081E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20081E
}
```

Border

The CSS property to change the border of an element to Hex 20081E is called "border". The border property can be set on classes, ids or directly on the HTML element.

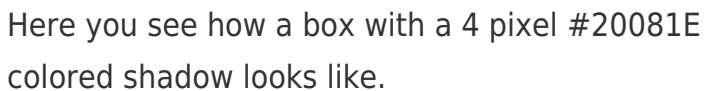
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#20081E }
```

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

```
.border{ border-color:#20081E }
```

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



Here you see how a box with a 4 pixel #20081E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20081E; -webkit-box-shadow:4px 4px  
4px 4px #20081E; box-shadow:4px 4px 4px  
4px #20081E }
```

Background

The CSS property to change the background color of an element to Hex 20081E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20081E }
```

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

```
.background{ background-color:#20081E }
```

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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