

Converting Colors

Hex(28111A)

Have a look what the booklet for
Hex(28111A) contains.

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Color

Hex(28111A)

Conversions

Conversions Part 1

Format	Color
Hex	28111A
RGB	40, 17, 26
RGB Percent	16%, 7%, 10%
CMY	0.8431, 0.9333, 0.8980
CMYK	0.00, 0.58, 0.35, 0.84
HSL	337°, 40%, 11%
HSV	337°, 57%, 16%
XYZ	1.2620, 0.9266, 1.0896
YIQ	24.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

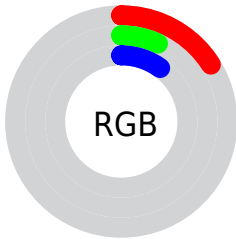
Format	Color
RYB	40, 17, 26
Decimal	2625818
CIELab	8.36, 13.38, -1.09
CIELCh	8, 13.423, 355.335
Yxy	0.9266, 0.3850, 0.2827
Android (android.graphics.Color)	4280815898 (0xFF28111A)
YUV	24.9030, 0.5408, 13.2401
Hunter-Lab	9.6260, 6.5560, 0.0268

Details

The Hex color **28111A** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **11281F**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **563C45**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **280D18**, and if you desaturate by 10%, it is **28151C**.

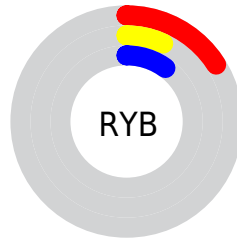
Distribution



Red (16%)

Green (7%)

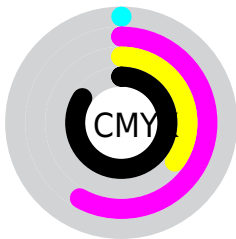
Blue (10%)



Red (16%)

Yellow (7%)

Blue (10%)

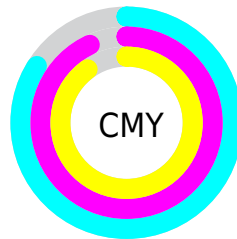


Cyan (0%)

Magenta (58%)

Yellow (35%)

Black (84%)



Cyan (84%)

Magenta (93%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28111A 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 28111A by changing the saturation by 10% instead.

 28111A

 28111A

 FFF2FD

 100000

 563C45

 000000

 6F535C

 886B75

 A3848F

 BE9FA9

 DABAC4

 F7D5E0

 28111A

 28111A

■ 280D18

■ 28151C

■ 280915

■ 28191F

■ 280513

■ 281D21

■ 280110

■ 282124

■ 280010

■ 282526

■ 282929

■ 282D2B

■ 28312D

■ 283530

Harmonies

Analogous

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



221322



28111A



291110

Triad

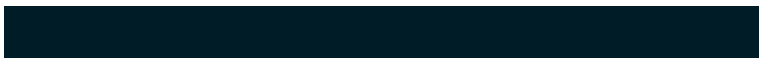
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



28111A



181A01



001C27

Complementary

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



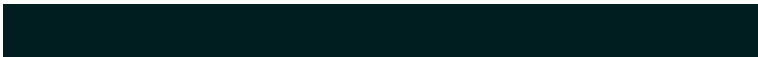
28111A



11281F

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.



001D20



28111A



0A1C0B

Square

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



28111A



211700



001D16



061A2A

Rectangle

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



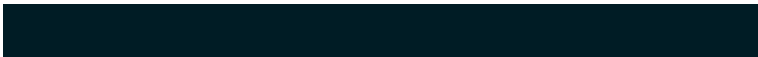
28111A



281308



001D16



001C25

Sweetspot

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



28111A



332A2E



1F1128



1A1416



999999



1A1A1A

Same Dimension

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



28111A



33101E



281311



141213



540021



D40053

Inverse Universe

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



28111A



33101E



112628



141213



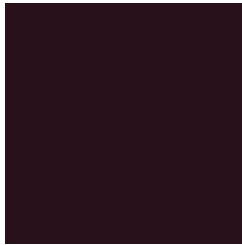
540021



D40053

Previews

White Background



This preview shows how the Hex color 28111A looks on a white background.

Color Contrast Check

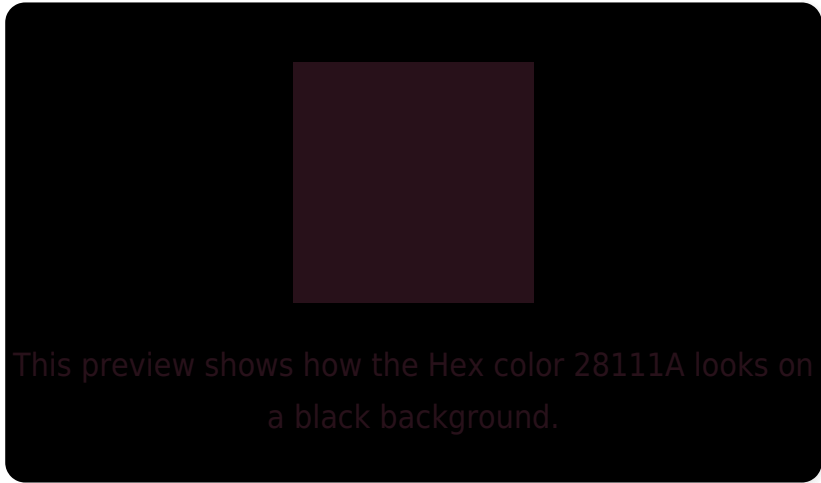
Large Text (above 18pt) WCAG AA ✓ Pass

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

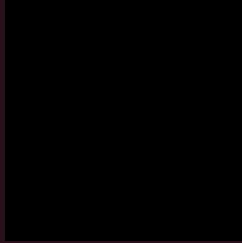
Any Text WCAG AA × Fail

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 28111A Background



This preview shows how black text looks on a background with the Hex color 28111A.

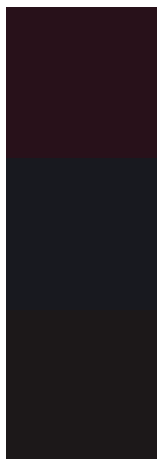


This preview shows how white text looks on a background with the Hex color 28111A.

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](#).

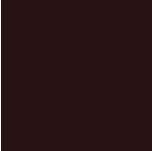
Dichromacy



Original Color
28111A

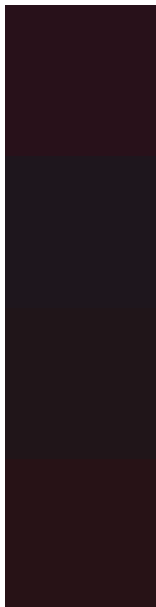
Protanopia
18191F

Deuteranopia
1C1819



Tritanopia
271214

Trichromacy



Original Color

28111A

Protanomaly

1E161D

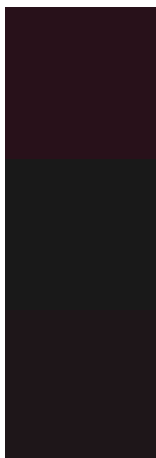
Deuteranomaly

201519

Tritanomaly

271216

Monochromacy



Original Color

28111A

Achromatopsia

191919

Achromatomaly

1E1619

CSS Examples

Text

The CSS property to change the color of the text to Hex 28111A 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 #28111A looks like.

```
.text, #text, p{  
    color:#28111A  
}
```

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 #28111A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28111A
}
```

Border

The CSS property to change the border of an element to Hex 28111A 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
#28111A }
```

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

```
.border{ border-color:#28111A }
```

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

Here you see how a box with a 4 pixel #28111A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28111A; -webkit-box-shadow:4px 4px  
4px 4px #28111A; box-shadow:4px 4px 4px  
4px #28111A }
```

Background

The CSS property to change the background color of an element to Hex 28111A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28111A }
```

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

```
.background{ background-color:#28111A }
```

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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