

Converting Colors

Hex(201427)

Have a look what the booklet for
Hex(201427) contains.

Hex(201427)	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(201427)

Conversions

Conversions Part 1	
Format	Color
Hex	201427
RGB	32, 20, 39
RGB Percent	13%, 8%, 15%
CMY	0.8745, 0.9216, 0.8471
CMYK	0.18, 0.49, 0.00, 0.85
HSL	278°, 32%, 12%
HSV	278°, 49%, 15%
XYZ	1.2120, 0.9539, 2.0397
YIQ	25.7540, 1.0530, 8.4530

Conversions

Conversions Part 2

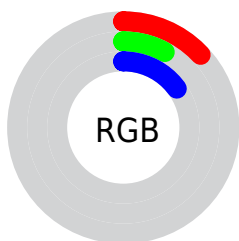
Format	Color
RYB	32, 20, 39
Decimal	2102311
CIELab	8.60, 10.77, -10.70
CIELCh	9, 15.186, 315.197
Yxy	0.9539, 0.2882, 0.2268
Android (android.graphics.Color)	4280292391 (0xFF201427)
YUV	25.7540, 6.5303, 5.4777
Hunter-Lab	9.7666, 5.0600, -5.5456

Details

The Hex color **201427** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1B2714**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **4C3E54**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1F1027**, and if you desaturate by 10%, it is **211827**.

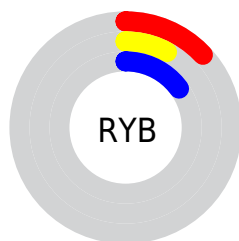
Distribution



Red (13%)

Green (8%)

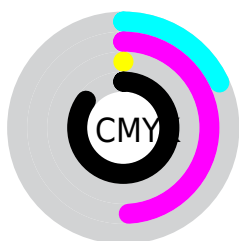
Blue (15%)



Red (13%)

Yellow (8%)

Blue (15%)

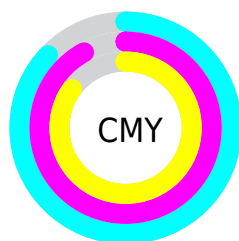


Cyan (18%)

Magenta (49%)

Yellow (0%)

Black (85%)



Cyan (87%)

Magenta (92%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 201427 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 201427 by changing the saturation by 10% instead.

 201427

 201427

 FFF5FF

 030012

 4C3E54

 000000

 65566C

 7E6E86

 9887A0

 B2A2BB

 CEBDD6

 EAD8F3

 201427

 201427

■ 1F1027

■ 211827

■ 1D0C27

■ 231C27

■ 1C0827

■ 242027

■ 1A0427

■ 262427

■ 190027

■ 272827

■ 292B27

■ 2A2F27

■ 2B3327

■ 2D3727

Harmonies

Analogous

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



11182C



201427



29111E

Triad

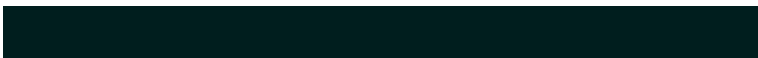
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



201427



241600



001E1E

Complementary

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



201427



1B2714

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.



001E13



201427



1C1A00

Square

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



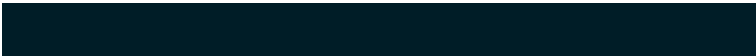
201427



2A1306



0F1C05



001D27

Rectangle

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



201427



2B1017



0F1C05



001E1A

Sweetspot

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



201427



302B33



141B27



18151A



999999



1A1A1A

Same Dimension

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



201427



281533



271425



141214



350054



8600D4

Inverse Universe

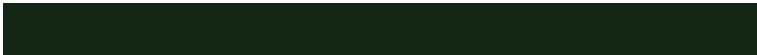
The Inverse Universe completely reimagines the original color for something new.



27141B



331520



142716



141213



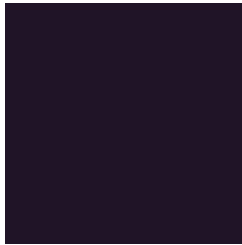
54001F



D4004E

Previews

White Background



This preview shows how the Hex color 201427 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



This preview shows how the Hex color 201427 looks on a 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 201427 Background



This preview shows how black text looks on a background with the Hex color 201427.



This preview shows how white text looks on a background with the Hex color 201427.

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
201427

Protanopia
11182B

Deuteranopia
131926



Tritanopia
1E1719

Trichromacy



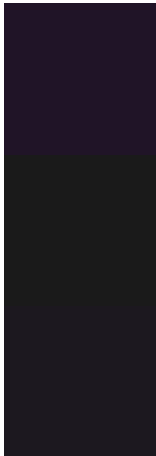
Original Color
201427

Protanomaly
16172A

Deuteranomaly
181726

Tritanomaly
1F161E

Monochromacy



Original Color
201427

Achromatopsia
1A1A1A

Achromatomaly
1C181F

CSS Examples

Text

The CSS property to change the color of the text to Hex 201427 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 #201427 looks like.

```
.text, #text, p{  
    color:#201427  
}
```

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 #201427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201427
}
```

Border

The CSS property to change the border of an element to Hex 201427 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
#201427 }
```

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

```
.border{ border-color:#201427 }
```

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

Here you see how a box with a 4 pixel #201427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201427; -webkit-box-shadow:4px 4px  
4px 4px #201427; box-shadow:4px 4px 4px  
4px #201427 }
```

Background

The CSS property to change the background color of an element to Hex 201427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201427 }
```

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

```
.background{ background-color:#201427 }
```

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