

Converting Colors

Hex(1C1976)

Have a look what the booklet for
Hex(1C1976) contains.

Hex(1C1976)	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(1C1976)

Conversions

Conversions Part 1

Format	Color
Hex	1C1976
RGB	28, 25, 118
RGB Percent	11%, 10%, 46%
CMY	0.8902, 0.9020, 0.5373
CMYK	0.76, 0.79, 0.00, 0.54
HSL	242°, 65%, 28%
HSV	242°, 79%, 46%
XYZ	4.0965, 2.2501, 17.3579
YIQ	36.4990, -28.0650, 29.5590

Conversions

Conversions Part 2

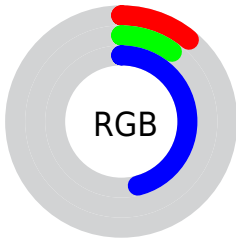
Format	Color
R_{YB}	28, 25, 118
Decimal	1841526
CIE _{Lab}	16.75, 34.15, -51.98
CIE _{LCh}	17, 62.194, 303.301
Yxy	2.2501, 0.1728, 0.0949
Android (android.graphics.Color)	4280031606 (0xFF1C1976)
YUV	36.4990, 40.1800, -7.4536
Hunter-Lab	15.0005, 22.4964, -58.1077

Details

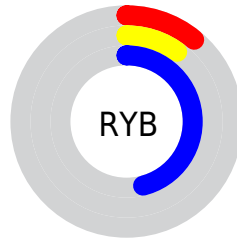
The Hex color **1C1976** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **737619**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **5846AB**, and **000044** is the 20% darker color. If you saturate the color by 10%, you get **110D76**, and if you desaturate by 10%, it is **272576**.

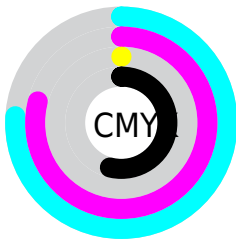
Distribution



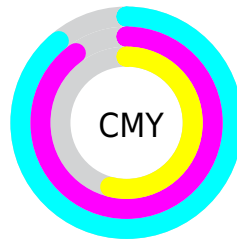
- Red (11%)
- Green (10%)
- Blue (46%)



- Red (11%)
- Yellow (10%)
- Blue (46%)



- Cyan (76%)
- Magenta (79%)
- Yellow (0%)
- Black (54%)



- Cyan (89%)
- Magenta (90%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1976 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 1C1976 by changing the saturation by 10% instead.

■ 1C1976

■ 1C1976

FFFFFF

■ 00045D

■ 5846AB

■ 000044

■ 745EC7

■ 00032D

■ 9077E3

■ 000117

■ AC91FF

■ 000000

■ C9ACFF

■ E6C7FF

■ FFE3FF

■ 1C1976

■ 1C1976

■ 110D76

■ 272576

■ 050176

■ 333176

■ 040076

■ 3E3C76

■ 4A4876

■ 555476

■ 616076

■ 6C6C76

■ 777776

■ 838376

Harmonies

Analogous

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



003085



1C1976



5E0052

Triad

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



1C1976



521300



00392D

Complementary

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



1C1976



737619

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.



003700



1C1976



302A00

Square

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



1C1976



6A0000



003300



003A5A

Rectangle

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



1C1976



6D0035



003300



00391E

Sweetspot

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



1C1976



757499



197476



37364D



CCCCCC



4D4D4D

Same Dimension

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



1C1976



0C0899



491976



35353B



04007A



0800FA

Inverse Universe

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



761973



990894



467619



3B353A



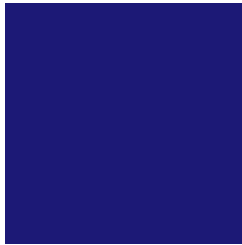
7A0076



FA00F2

Previews

White Background



This preview shows how the Hex color 1C1976 looks on a white background.

Color Contrast Check

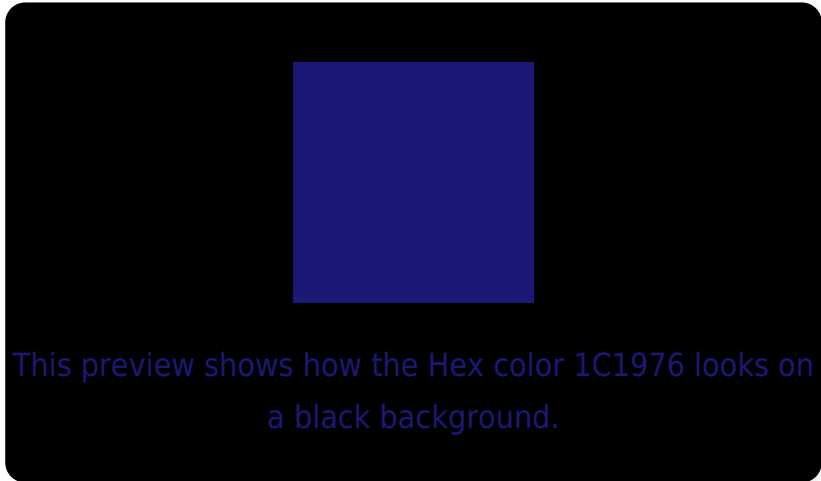
Large Text (above 18pt) WCAG AA ✓ Pass

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

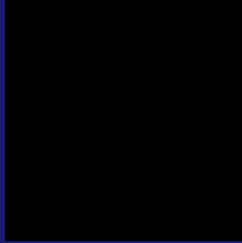
Any Text WCAG AA × Fail

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 1C1976 Background



This preview shows how black text looks on a background with the Hex color 1C1976.



This preview shows how white text looks on a background with the Hex color 1C1976.

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
1C1976

Protanopia
002956

Deuteranopia
002C49

Trichromacy



Original Color
1C1976

Protanomaly
0A2362

Deuteranomaly
0A2559

Tritanomaly
0A274B

Monochromacy



Original Color
1C1976

Achromatopsia
242424

Achromatomaly
212042

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1976 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 #1C1976 looks like.

```
.text, #text, p{  
    color:#1C1976  
}
```

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 #1C1976 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1976
}
```

Border

The CSS property to change the border of an element to Hex 1C1976 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
#1C1976 }
```

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

```
.border{ border-color:#1C1976 }
```

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

Here you see how a box with a 4 pixel #1C1976 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1976; -webkit-box-shadow:4px 4px  
4px 4px #1C1976; box-shadow:4px 4px 4px  
4px #1C1976 }
```

Background

The CSS property to change the background color of an element to Hex 1C1976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1976 }
```

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

```
.background{ background-color:#1C1976 }
```

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