

Converting Colors

Hex(1C1570)

Have a look what the booklet for
Hex(1C1570) contains.

Hex(1C1570)	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(1C1570)

Conversions

Conversions Part 1

Format	Color
Hex	1C1570
RGB	28, 21, 112
RGB Percent	11%, 8%, 44%
CMY	0.8902, 0.9176, 0.5608
CMYK	0.75, 0.81, 0.00, 0.56
HSL	245°, 68%, 26%
HSV	245°, 81%, 44%
XYZ	3.6717, 1.9531, 15.5127
YIQ	33.4670, -25.0390, 29.7850

Conversions

Conversions Part 2

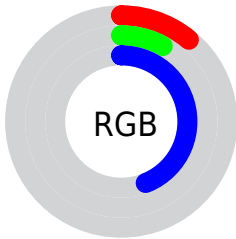
Format	Color
R_{YB}	28, 21, 112
Decimal	1840496
CIE _{Lab}	15.24, 34.37, -50.60
CIE _{LCh}	15, 61.168, 304.190
Yxy	1.9531, 0.1737, 0.0924
Android (android.graphics.Color)	4280030576 (0xFF1C1570)
YUV	33.4670, 38.7168, -4.7946
Hunter-Lab	13.9752, 22.4405, -56.0303

Details

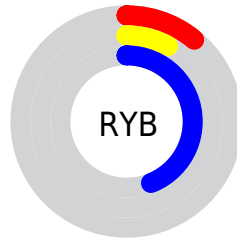
The Hex color **1C1570** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **697015**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **5742A5**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **120A70**, and if you desaturate by 10%, it is **262070**.

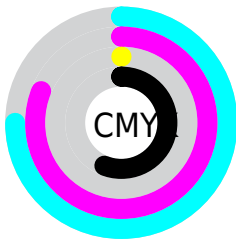
Distribution



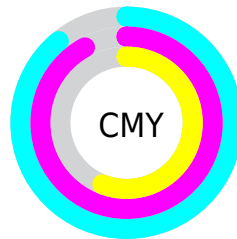
- Red (11%)
- Green (8%)
- Blue (44%)



- Red (11%)
- Yellow (8%)
- Blue (44%)



- Cyan (75%)
- Magenta (81%)
- Yellow (0%)
- Black (56%)



- Cyan (89%)
- Magenta (92%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1570 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 1C1570 by changing the saturation by 10% instead.

■ 1C1570

■ 1C1570

■ FFFBFF

■ 000057

■ 5742A5

■ 00003F

■ 725AC0

■ 000328

■ 8E73DD

■ 000112

■ AA8DF9

■ 000000

■ C7A7FF

■ E4C3FF

■ FFDFFF

■ 1C1570

■ 1C1570

■ 120A70

■ 262070

■ 090070

■ 312B70

■ 3B3770

■ 454270

■ 504D70

■ 5A5870

■ 646370

■ 6F6F70

■ 797A70

Harmonies

Analogous

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



002C80



1C1570



5A004D

Triad

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



1C1570



4D1100



00362B

Complementary

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



1C1570



697015

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.



003400



1C1570



2B2700

Square

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



1C1570



640000



003000



003657

Rectangle

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



1C1570



680031



003000



00351C

Sweetspot

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



1C1570



716E91



156A70



36354A



C9C9C9



4A4A4A

Same Dimension

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



1C1570



0E0391



491570



333238



090078



1300F7

Inverse Universe

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



701569



910386



3C7015



383238



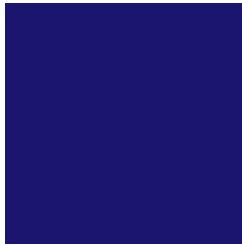
78006F



F700E4

Previews

White Background



This preview shows how the Hex color 1C1570 looks on a white background.

Color Contrast Check

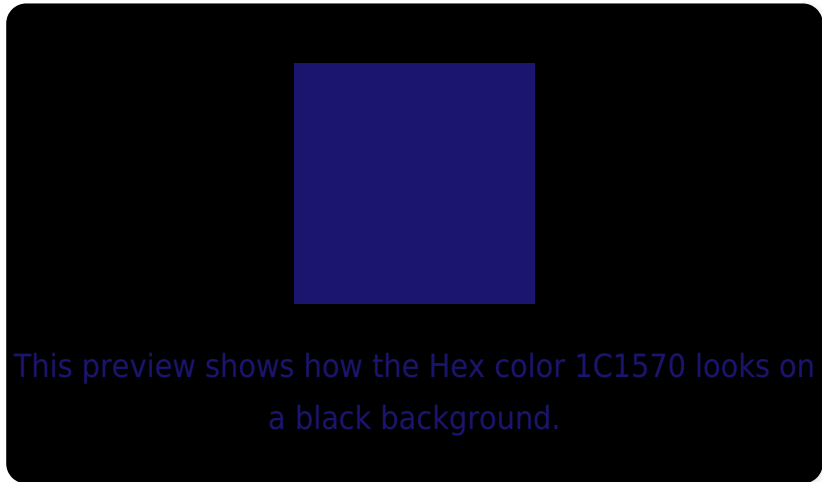
Large Text (above 18pt) WCAG AA ✓ Pass

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

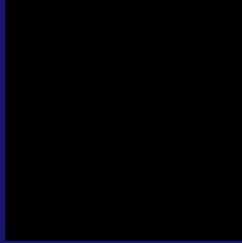
Any Text WCAG AA × Fail

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 1C1570 Background



This preview shows how black text looks on a background with the Hex color 1C1570.



This preview shows how white text looks on a background with the Hex color 1C1570.

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
1C1570

Protanopia
002650

Deuteranopia
002944

Trichromacy



Original Color
1C1570

Protanomaly
0A205C

Deuteranomaly
0A2254

Tritanomaly
0A2446

Monochromacy



Original Color
1C1570

Achromatopsia
212121

Achromatomaly
1F1D3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1570 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 #1C1570 looks like.

```
.text, #text, p{  
    color:#1C1570  
}
```

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 #1C1570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1570
}
```

Border

The CSS property to change the border of an element to Hex 1C1570 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".

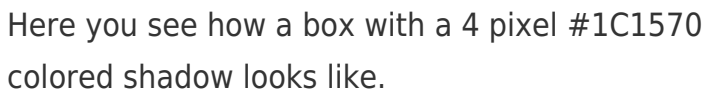
```
.border, #border, table{ border:4px solid
#1C1570 }
```

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

```
.border{ border-color:#1C1570 }
```

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

Here you see how a box with a 4 pixel #1C1570 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1570; -webkit-box-shadow:4px 4px  
4px 4px #1C1570; box-shadow:4px 4px 4px  
4px #1C1570 }
```

Background

The CSS property to change the background color of an element to Hex 1C1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1570 }
```

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

```
.background{ background-color:#1C1570 }
```

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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