

Converting Colors

HunterLab(10.5795, 27.3126,
-71.5916)

Have a look what the booklet for
HunterLab(10.5795, 27.3126,
-71.5916) contains.

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Color

**HunterLab(10.5729, 27.0909,
-71.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	02026B
RGB	2, 2, 107
RGB Percent	1%, 1%, 42%
CMY	0.9921, 0.9922, 0.5804
CMYK	0.98, 0.98, 0.00, 0.58
HSL	240°, 96%, 21%
HSV	240°, 98%, 42%
XYZ	2.7006, 1.1179, 13.9834
YIQ	13.9700, -33.7050, 32.6550

Conversions

Conversions Part 2

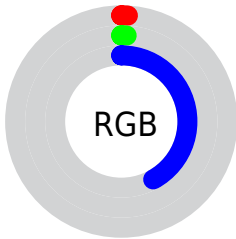
Format	Color
RYB	2, 2, 107
Decimal	131691
CIELab	9.94, 40.78, -56.19
CIELCh	10, 69.424, 305.970
Yxy	1.1179, 0.1517, 0.0628
Android (android.graphics.Color)	4278321771 (0xFF02026B)
YUV	13.9700, 45.8638, -10.4977
Hunter-Lab	10.5729, 27.0909, -71.0140

Details

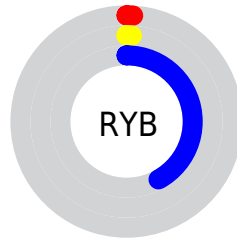
The HunterLab color **10.5729, 27.0909, -71.0140** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **36.9388, -9.8911, 22.4963**, and the grayscale version is **6.4997, -0.3468, 0.3531**.

A 20% lighter version of the original color is **25.0423, 30.4772, -62.7761**, and **6.4345, 11.4315, -32.7200** is the 20% darker color. If you saturate the color by 10%, you get **10.3036, 27.9475, -73.2040**, and if you desaturate by 10%, it is **11.9376, 23.3044, -61.3223**.

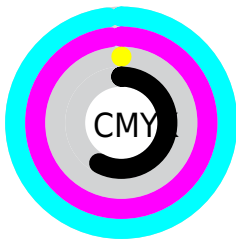
Distribution



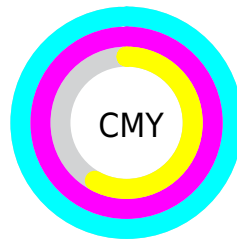
- Red (1%)
- Green (1%)
- Blue (42%)



- Red (1%)
- Yellow (1%)
- Blue (42%)



- Cyan (98%)
- Magenta (98%)
- Yellow (0%)
- Black (58%)



- Cyan (99%)
- Magenta (99%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.5729, 27.0909, -71.0140 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 HunterLab color 10.5729, 27.0909, -71.0140 by changing the saturation by 10% instead.

■ 10.5729, 27.0909,
-71.0140

■ 10.5729, 27.0909,
-71.0140

■ 99.9186, 39.6396,
-65.6762

0.0000, INF, -NF

0.0000, NaN, -NF

■ 24.9205, 30.5392,
-62.9150

0.0000, NaN, -NF

■ 33.4859, 32.1861,
-62.2450

0.0000, NaN, -NF

■ 42.8555, 33.7113,
-62.3011

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 52.9655, 35.1137,
-62.7321

0.0000, NaN, NaN


■ 63.7652, 36.3995,
-63.3623

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 75.2129, 37.5770,


-64.0963


 87.2740, 38.6545,
-64.8787


 10.5729, 27.0909,
-71.0140


 10.5729, 27.0909,
-71.0140


 10.3036, 27.9475,
-73.2040

 11.9376, 23.3044,
-61.3223

 13.7011, 19.4190,
-51.4112

 15.9782, 15.5161,
-41.4984

 18.6448, 11.9671,
-32.5350

 21.6052, 8.8461,
-24.7046

■ 24.7917, 6.1073,
-17.8827

■ 28.1576, 3.6771,
-11.8747

■ 31.6704, 1.4866,
-6.4997

■ 35.3069, -0.5198,
-1.6118

Harmonies

Analogous

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



10.5729, 3.1404, -104.9821



10.5729, 27.0909, -71.0140



10.5729, 50.5392, -22.2770

Triad

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



10.5729, 27.0929, -71.0144



10.5729, 16.7742, 7.4010



10.5729, -18.5025, -3.2935

Complementary

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



10.5729, 27.0909, -71.0140



36.9388, -9.8911, 22.4963

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.



10.5729, -18.5025, 7.4010



10.5729, 27.0909, -71.0140



10.5729, -3.8208, 7.4010

Square

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



10.5729, 27.0929, -71.0144



10.5729, 42.3497, 7.4010



10.5729, -17.6557, 7.4010



10.5729, -18.5025, -40.2969

Rectangle

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



10.5729, 27.0909, -71.0140



10.5729, 57.6822, -1.9110



10.5729, -17.6557, 7.4010



10.5729, -18.5025, 2.5967

Sweetspot

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



10.5729, 27.0929, -71.0144



36.9052, 5.4436, -17.1793



34.0439, -17.9636, -3.5621



17.4263, 3.1910, -9.7180



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



10.5729, 27.0929, -71.0144



13.7875, 37.3978, -97.9591



13.7950, 30.5118, -50.7499



17.3930, -0.1786, -0.9946



11.3645, 30.8254, -80.7427



25.6526, 69.5819, -182.2662

Inverse Universe

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



20.5679, 39.8411, -26.7145



27.3815, 53.8313, -36.1022



33.6422, -22.7046, 20.2316



17.7873, 1.1609, -0.4683



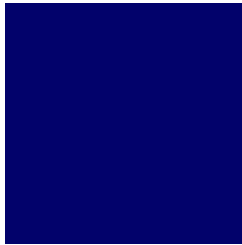
22.5694, 44.3708, -29.7577



50.9458, 100.1582, -67.1707

Previews

White Background



This preview shows how the HunterLab color 10.5729, 27.0909, -71.0140 looks on a white background.

Color Contrast Check

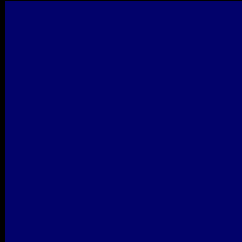
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 10.5729, 27.0909, -71.0140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

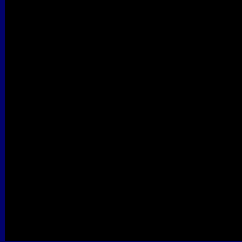
Any Text WCAG AA × Fail

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](#).

HunterLab 10.5729, 27.0909, -71.0140 Background



This preview shows how black text looks on a background with the HunterLab color 10.5729, 27.0909, -71.0140.



This preview shows how white text looks on a background with the HunterLab color 10.5729, 27.0909, -71.0140.

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

10.5729, 27.0909, -71.0140

Protanopia

11.7189, 1.9339, -18.8223

Deuteranopia

11.6771, -1.5801, -11.1844



Tritanopia

11.8393, -5.9325, -1.9916

Trichromacy



Original Color

10.5729, 27.0909, -71.0140

Protanomaly

10.4921, 11.3750, -37.3256

Deuteranomaly

10.3667, 8.2967, -30.5195

Tritanomaly

10.0926, 4.2045, -21.3335

Monochromacy



Original Color

10.5729, 27.0909, -71.0140

Achromatopsia

6.6268, -0.3536, 0.3600

Achromatomaly

7.0357, 7.1522, -19.1039

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.5729, 27.0909, -71.0140 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 `rgb(2, 2, 107)` looks like.

```
.text, #text, p{  
    color:rgb(2, 2, 107)  
}
```

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 rgb(2, 2, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 2, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 10.5729, 27.0909, -71.0140 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 rgb(2, 2, 107) }
```


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

```
.border{ border-color:rgb(2, 2, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 2, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 2, 107); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 2, 107); box-shadow:4px  
4px 4px 4px rgb(2, 2, 107) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.5729, 27.0909, -71.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 2, 107) }
```

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

```
.background{ background-color: rgb(2, 2,  
107) }
```

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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