

Converting Colors

HunterLab(21.3865, 22.2874,
-72.4018)

Have a look what the booklet for
HunterLab(21.3865, 22.2874,
-72.4018) contains.

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Color

**HunterLab(21.3865, 22.2874,
-72.4018)**

Conversions

Conversions Part 1

Format	Color
Hex	0E309B
RGB	14, 48, 155
RGB Percent	5%, 19%, 61%
CMY	0.9450, 0.8118, 0.3922
CMYK	0.91, 0.69, 0.00, 0.39
HSL	226°, 83%, 33%
HSV	226°, 91%, 61%
XYZ	7.1544, 4.5738, 31.5161
YIQ	50.0320, -54.6110, 26.0690

Conversions

Conversions Part 2

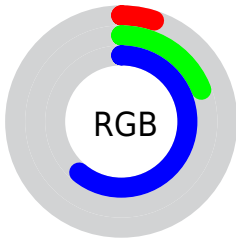
Format	Color
R_{YB}	14, 41, 155
Decimal	929947
CIE _{Lab}	25.48, 32.30, -60.77
CIE _{LCh}	25, 68.825, 297.992
Yxy	4.5739, 0.1654, 0.1058
Android (android.graphics.Color)	4279120027 (0xFF0E309B)
YUV	50.0320, 51.7492, -31.6001
Hunter-Lab	21.3865, 22.2874, -72.4018

Details

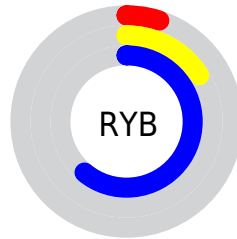
The HunterLab color **21.3865, 22.2874, -72.4018** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **45.4756, 0.6367, 27.4904**, and the grayscale version is **17.7174, -0.9454, 0.9626**.

A 20% lighter version of the original color is **38.6429, 25.1057, -70.3052**, and **10.6441, 23.0475, -63.0572** is the 20% darker color. If you saturate the color by 10%, you get **19.2668, 27.3296, -83.0785**, and if you desaturate by 10%, it is **24.1710, 17.0856, -60.8737**.

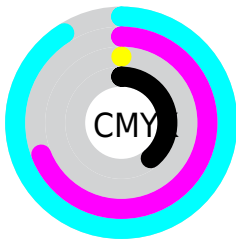
Distribution



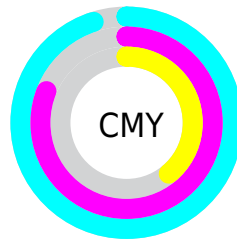
- Red (5%)
- Green (19%)
- Blue (61%)



- Red (5%)
- Yellow (16%)
- Blue (61%)



- Cyan (91%)
- Magenta (69%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (81%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3865, 22.2874, -72.4018 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 21.3865, 22.2874, -72.4018 by changing the saturation by 10% instead.

■ 21.3865, 22.2874,
-72.4018

■ 21.3865, 22.2874,
-72.4018

■ 120.6772, 30.5972,
-74.3834

■ 14.1404, 20.7777,
-77.0240

■ 38.5889, 24.9159,
-70.0008

■ 7.7922, 20.3101,
-91.4666

■ 48.3762, 26.0309,
-70.0887

0.0000, INF, -NF

■ 58.8744, 27.0283,
-70.5317

0.0000, NaN, -NF

■ 70.0382, 27.9193,
-71.1728

0.0000, NaN, -NF

■ 81.8301, 28.7138,
-71.9227

0.0000, NaN, -NF

■ 94.2183, 29.4203,

0.0000, NaN, NaN

0.0000, NaN, NaN

-72.7280

0.0000, NaN, NaN

107.1753, 30.0460,
-73.5554

■ 21.3865, 22.2874,
-72.4018

■ 21.3865, 22.2874,
-72.4018

■ 19.2668, 27.3296,
-83.0785

■ 24.1710, 17.0856,
-60.8737

■ 27.3839, 12.6112,
-50.0476

■ 30.9431, 8.8843,
-40.1967

■ 34.7827, 5.8226,
-31.3251

■ 38.8525, 3.3173,
-23.3241

■ 43.1144, 1.2655,
-16.0559

■ 47.5398, -0.4199,
-9.3887

■ 52.1067, -1.8087,
-3.2092

■ 56.7981, -2.9562,
2.5759

Harmonies

Analogous

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



21.3867, -2.5903, -89.2505



21.3865, 22.2874, -72.4018



21.3867, 47.2435, -32.5668

Triad

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



21.3867, 22.2890, -72.4013



21.3867, 25.9033, 14.9707



21.3867, -28.9728, 2.5138

Complementary

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



21.3865, 22.2874, -72.4018



45.4756, 0.6367, 27.4904

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.



21.3867, -26.3362, 13.5249



21.3865, 22.2874, -72.4018



21.3867, 0.3454, 14.9707

Square

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



21.3867, 22.2890, -72.4013



21.3867, 49.8521, 12.7155



21.3867, -17.4685, 14.9707



21.3867, -26.9889, -27.2630

Rectangle

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



21.3865, 22.2874, -72.4018



21.3867, 57.2032, -8.8982



21.3867, -17.4685, 14.9707



21.3867, -28.6309, 7.9067

Sweetspot

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



21.3867, 22.2890, -72.4013



59.7047, 0.8702, -18.3455



49.8863, -32.6338, 9.1420



27.5269, 0.7730, -10.0998



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



21.3867, 22.2890, -72.4013



25.2937, 38.1303, -113.9273



18.2777, 39.8248, -88.6330



25.0123, -0.9569, -1.0290



17.4174, 24.0256, -73.6345



3.0843, 0.6445, -5.2464

Inverse Universe

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



27.3799, 44.7151, 11.5992



35.6342, 61.6364, 18.2838



52.3929, -25.2090, 31.3720



24.9918, 1.0242, 1.3973



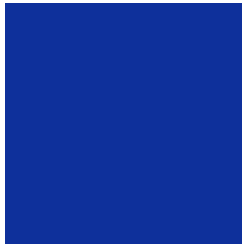
23.8989, 41.4060, 11.7336



3.0069, 5.3733, 0.2069

Previews

White Background



This preview shows how the HunterLab color 21.3865, 22.2874, -72.4018 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 21.3865, 22.2874, -72.4018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

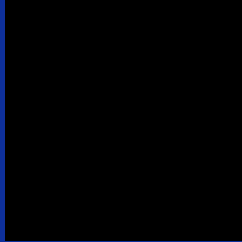
Any Text WCAG AA × Fail

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 21.3865, 22.2874, -72.4018 Background



This preview shows how black text looks on a background with the HunterLab color 21.3865, 22.2874, -72.4018.



This preview shows how white text looks on a background with the HunterLab color 21.3865, 22.2874, -72.4018.

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

21.3865, 22.2874, -72.4018

Protanopia

21.3494, 5.6060, -38.7866

Deuteranopia

21.1309, -0.8886, -24.4937



Tritanopia

21.1406, -10.4456, -3.8748

Trichromacy



Original Color

21.3865, 22.2874, -72.4018

Protanomaly

21.2460, 11.5652, -50.6722

Deuteranomaly

20.9489, 6.8024, -40.0074

Tritanomaly

20.5506, -0.5538, -23.6128

Monochromacy



Original Color

21.3865, 22.2874, -72.4018

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.1508, 3.8628, -18.9061

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3865, 22.2874, -72.4018 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(14, 48, 155)` looks like.

```
.text, #text, p{  
    color:rgb(14, 48, 155)  
}
```

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(14, 48, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 48, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3865, 22.2874, -72.4018 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(14, 48, 155) }
```


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

```
.border{ border-color:rgb(14, 48, 155) }
```

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

Here you see how a box with a 4 pixel rgb(14, 48, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 48, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 48, 155);  
box-shadow:4px 4px 4px 4px rgb(14, 48,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3865, 22.2874, -72.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 48, 155) }
```

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

```
.background{ background-color: rgb(14, 48,  
155) }
```

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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