

Converting Colors

HunterLab(30.6634, 21.1616,
-69.0046)

Have a look what the booklet for
HunterLab(30.6634, 21.1616,
-69.0046) contains.

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Color

**HunterLab(30.5731, 21.5130,
-69.7955)**

Conversions

Conversions Part 1

Format	Color
Hex	374BB9
RGB	55, 75, 185
RGB Percent	22%, 29%, 73%
CMY	0.7843, 0.7059, 0.2745
CMYK	0.70, 0.59, 0.00, 0.27
HSL	231°, 54%, 47%
HSV	231°, 70%, 73%
XYZ	12.8486, 9.3471, 47.0259
YIQ	81.5600, -47.2300, 29.9700

Conversions

Conversions Part 2

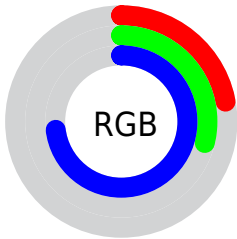
Format	Color
RYB	55, 72, 185
Decimal	3623865
CIELab	36.64, 29.70, -60.41
CIElCh	37, 67.317, 296.178
Yxy	9.3474, 0.1856, 0.1350
Android (android.graphics.Color)	4281813945 (0xFF374BB9)
YUV	81.5600, 50.9959, -23.2931
Hunter-Lab	30.5731, 21.5130, -69.7955

Details

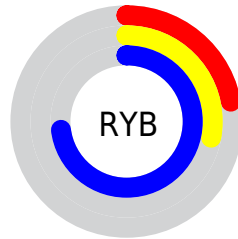
The HunterLab color **30.5731, 21.5130, -69.7955** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **61.2403, -7.6196, 34.1022**, and the grayscale version is **28.7221, -1.5325, 1.5605**.

A 20% lighter version of the original color is **49.6766, 23.3995, -69.2407**, and **16.3454, 21.7746, -67.4354** is the 20% darker color. If you saturate the color by 10%, you get **26.5529, 28.0448, -85.6354**, and if you desaturate by 10%, it is **35.1603, 15.9150, -55.4544**.

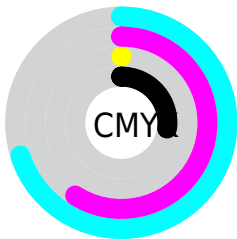
Distribution



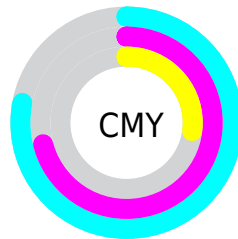
- Red (22%)
- Green (29%)
- Blue (73%)



- Red (22%)
- Yellow (28%)
- Blue (73%)



- Cyan (70%)
- Magenta (59%)
- Yellow (0%)
- Black (27%)



- Cyan (78%)
- Magenta (71%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5731, 21.5130, -69.7955 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 30.5731, 21.5130, -69.7955 by changing the saturation by 10% instead.

■ 30.5731, 21.5130,
-69.7955

■ 30.5731, 21.5130,
-69.7955

■ 136.3630, 27.8853,
-74.6882

■ 22.2900, 20.2599,
-71.3817

■ 49.5586, 23.6170,
-69.5157

■ 14.9290, 18.8626,
-75.4478

■ 60.1361, 24.4913,
-69.9977

■ 8.5768, 17.6396,
-86.5509

■ 71.3746, 25.2633,
-70.6601

0.0000, INF, -NF

■ 83.2373, 25.9430,
-71.4206

0.0000, NaN, -NF

■ 95.6928, 26.5385,
-72.2295

0.0000, NaN, -NF

108.7142, 27.0569,

0.0000, NaN, NaN

-73.0558

0.0000, NaN, NaN

122.2779, 27.5041,
-73.8797

■ 30.5731, 21.5130,
-69.7955

■ 30.5731, 21.5130,
-69.7955

■ 26.5529, 28.0448,
-85.6354

■ 35.1603, 15.9150,
-55.4544

■ 23.2590, 35.2412,
-102.0532

■ 40.1877, 11.2090,
-42.7565

■ 20.8683, 42.0287,
-116.8115

■ 45.5641, 7.2563,
-31.5226

■ 51.2235, 3.9080,
-21.4950

■ 57.1186, 1.0362,
-12.4297

■ 63.2142, -1.4608,
-4.1231

■ 69.4840, -3.6614,
3.5863

■ 75.9078, -5.6260,
10.8246

■ 82.4696, -7.4005,
17.6895

Harmonies

Analogous

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



30.5735, -4.6496, -82.5738



30.5731, 21.5130, -69.7955



30.5735, 46.9466, -34.2577

Triad

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



30.5735, 21.5142, -69.7946



30.5735, 28.5386, 20.4177



30.5735, -35.4050, 4.4490

Complementary

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



30.5731, 21.5130, -69.7955



61.2403, -7.6196, 34.1022

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.



30.5735, -31.3089, 17.4054



30.5731, 21.5130, -69.7955



30.5735, 1.5053, 21.4014

Square

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



30.5735, 21.5142, -69.7946



30.5735, 51.8035, 15.3901



30.5735, -19.4495, 21.0260



30.5735, -33.0107, -24.7390

Rectangle

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



30.5731, 21.5130, -69.7955



30.5735, 57.3467, -10.7957



30.5735, -19.4495, 21.0260



30.5735, -34.7865, 10.4064

Sweetspot

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



30.5735, 21.5142, -69.7946



75.5769, 1.7745, -17.8882



61.7794, -34.2458, 4.0633



34.0797, 1.2935, -9.8087



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



30.5735, 21.5142, -69.7946



33.1476, 42.3881, -125.8691



29.7515, 39.1136, -72.4522



29.8941, -0.7862, -1.5841



17.4217, 33.9354, -95.0323



4.2158, 3.5051, -12.8358

Inverse Universe

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



36.8178, 45.3527, 12.7614



45.0725, 70.1168, 21.5266



63.7931, -30.1079, 35.4217



30.0568, 1.2021, 1.9839



26.6247, 45.8420, 15.2936



5.0699, 8.8688, 1.8306

Previews

White Background



This preview shows how the HunterLab color 30.5731, 21.5130, -69.7955 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 30.5731, 21.5130, -69.7955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

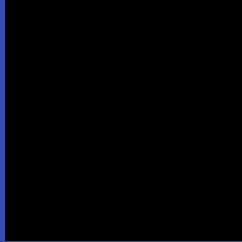
Any Text WCAG AA × Fail

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 30.5731, 21.5130, -69.7955 Background



This preview shows how black text looks on a background with the HunterLab color 30.5731, 21.5130, -69.7955.



This preview shows how white text looks on a background with the HunterLab color 30.5731, 21.5130, -69.7955.

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

30.5731, 21.5130, -69.7955

Protanopia

30.4658, 10.1446, -59.9790

Tritanopia

30.2386, -14.6039, -6.2700

Trichromacy



Original Color

30.5731, 21.5130, -69.7955

Protanomaly

30.2336, 13.7702, -64.7641

Tritanomaly

29.6549, -4.0847, -25.4434

Monochromacy



Original Color

30.5731, 21.5130, -69.7955

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.8125, 4.0853, -18.0885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5731, 21.5130, -69.7955 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(55, 75, 185)` looks like.

```
.text, #text, p{  
    color:rgb(55, 75, 185)  
}
```

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(55, 75, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 75, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5731, 21.5130, -69.7955 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(55, 75, 185) }
```

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

```
.border{ border-color:rgb(55, 75, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 75, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 75, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 75, 185);  
box-shadow:4px 4px 4px 4px rgb(55, 75,  
185) }
```


Background

The CSS property to change the background color of an element to HunterLab 30.5731, 21.5130, -69.7955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 75, 185) }
```

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

```
.background{ background-color: rgb(55, 75,  
185) }
```

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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