

Converting Colors

HunterLab(68.8362, -21.6414,
42.0376)

Have a look what the booklet for
HunterLab(68.8362, -21.6414,
42.0376) contains.

HunterLab(68.7960, -21.3840, 42.0174)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.7960,
-21.3840, 42.0174)**

Conversions

Conversions Part 1	
Format	Color
Hex	B7BF00
RGB	183, 191, 0
RGB Percent	72%, 75%, 0%
CMY	0.2824, 0.2510, 0.9999
CMYK	0.04, 0.00, 1.00, 0.25
HSL	63°, 100%, 37%
HSV	63°, 100%, 75%
XYZ	38.1592, 47.3289, 7.1242
YIQ	166.8340, 56.5430, -61.0970

Conversions

Conversions Part 2

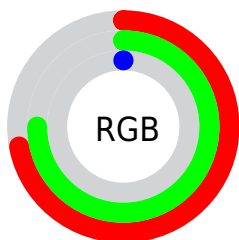
Format	Color
RYB	0, 191, 8
Decimal	12041984
CIELab	74.40, -20.80, 75.27
CIELCh	74, 78.090, 105.448
Yxy	47.3311, 0.4120, 0.5110
Android (android.graphics.Color)	4290232064 (0xFFB7BF00)
YUV	166.8340, -82.2492, 14.1776
Hunter-Lab	68.7960, -21.3840, 42.0174

Details

The HunterLab color **68.7960, -21.3840, 42.0174** is a dark color, and the websafe version is hex **CCCC00**. A complement of this color would be **19.5297, 52.7005, -136.6922**, and the grayscale version is **62.4088, -3.3300, 3.3908**.

A 20% lighter version of the original color is **92.8280, -24.5605, 51.7981**, and **47.4731, -17.1048, 28.9532** is the 20% darker color. If you saturate the color by 10%, you get **68.7975, -21.3868, 42.0183**, and if you desaturate by 10%, it is **68.9035, -20.9222, 41.5569**.

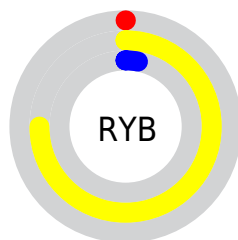
Distribution



Red (72%)

Green (75%)

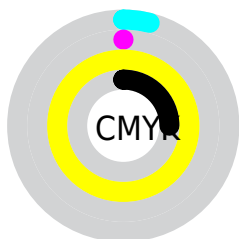
Blue (0%)



Red (0%)

Yellow (75%)

Blue (3%)

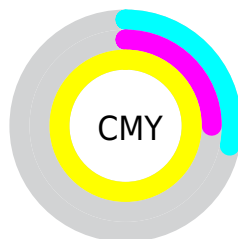


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (28%)


Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.7960, -21.3840, 42.0174 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 68.7960, -21.3840, 42.0174 by changing the saturation by 10% instead.


 68.7960, -21.3840,
42.0174

 68.7960, -21.3840,
42.0174


193.9419,
-36.0635, 81.2298


 57.7040, -19.6729,
36.8368


 92.8481, -24.7256,
51.7486

 47.2805, -17.9155,
31.4229


 105.7447,
-26.3663, 56.3421

 37.5733, -16.0974,
26.1596


 119.1886,
-27.9949, 60.7820

 28.6400, -14.1928,
20.0480


 133.1584,
-29.6149, 65.0863

 20.5543, -12.1604,
14.3880

 147.6350,
-31.2296, 69.2706

 13.4167, -9.9265,
9.3917

 162.6012,

 6.9801, -12.2153,

-32.8413, 73.3484

4.8861

178.0416,
-34.4521, 77.3314

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7960, -21.3840,
42.0174

■ 68.7960, -21.3840,
42.0174

■ 68.7975, -21.3868,
42.0183

■ 68.9035, -20.9222,
41.5569


■ 69.0434, -20.2651,
40.5986


■ 69.2292, -19.3482,
38.9685


■ 69.4665, -18.1407,
36.5854


■ 69.7601, -16.6192,

33.3869

 70.1138, -14.7661,
29.3251

 70.5306, -12.5687,
24.3653

 71.0131, -10.0187,
18.4837

 71.5634, -7.1118,
11.6674

Harmonies

Analogous

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



68.7976, 14.8604, 42.0898



68.7960, -21.3840, 42.0174



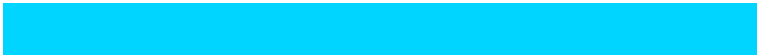
68.7976, -46.8802, 36.0450

Triad

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



68.7976, -21.3863, 42.0178



68.7976, -46.3089, -62.8311



68.7976, 78.2764, -15.2283

Complementary

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



68.7960, -21.3840, 42.0174



19.5297, 52.7005, -136.6922

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.



68.7976, 53.8144, -61.4779



68.7960, -21.3840, 42.0174



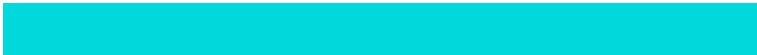
68.7976, -20.4338, -97.2677

Square

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



68.7976, -21.3863, 42.0178



68.7976, -59.0898, -16.5146



68.7976, 16.0328, -96.6730



68.7976, 77.8719, 19.2585

Rectangle

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



68.7960, -21.3840, 42.0174



68.7976, -56.5761, 26.1092



68.7976, 16.0328, -96.6730



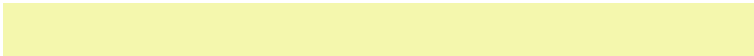
68.7976, 72.4974, -30.1688

Sweetspot

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



68.7976, -21.3863, 42.0178



94.3581, -16.9737, 32.9577



33.4899, 56.2885, 21.6207



44.1010, -8.5645, 16.8299



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



68.7976, -21.3863, 42.0178



92.0528, -28.6772, 56.2204



62.7655, -45.0949, 37.8857



33.3161, -3.2164, 5.2097



55.7785, -17.3068, 34.0675



11.0683, -3.3179, 6.7621

Inverse Universe

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



19.5297, 52.7005, -136.6922



26.0844, 70.4973, -183.3519



25.6516, 58.5890, -97.1023



30.4038, -0.0597, -2.0780



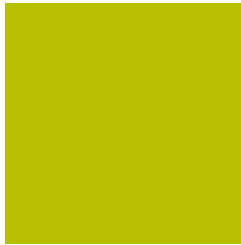
15.8582, 42.7458, -110.5889



3.2421, 8.5388, -21.0572

Previews

White Background



This preview shows how the HunterLab color 68.7960, -21.3840, 42.0174 looks on a white 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

Black Background



This preview shows how the HunterLab color 68.7960, -21.3840, 42.0174 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 68.7960, -21.3840, 42.0174 Background



This preview shows how black text looks on a background with the HunterLab color 68.7960, -21.3840, 42.0174.



This preview shows how white text looks on a background with the HunterLab color 68.7960,

-21.3840, 42.0174.

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

68.7960, -21.3840, 42.0174

Protanopia

68.5484, -9.5836, 42.0714

Deuteranopia


68.5345, 5.4281, 41.2631






Tritanopia

68.8027, 4.3569, -0.0031

Trichromacy

	Original Color 68.7960, -21.3840, 42.0174
	Protanomaly 68.6466, -13.9166, 42.0561
	Deuteranomaly 68.5461, -4.9322, 41.6185
	Tritanomaly 68.0797, -9.1964, 25.7543

Monochromacy

	Original Color 68.7960, -21.3840, 42.0174
	Achromatopsia 62.1634, -3.3169, 3.3775
	Achromatomaly 64.0121, -13.4174, 26.5793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7960, -21.3840, 42.0174 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(183, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(183, 191, 0)  
}
```

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(183, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7960, -21.3840, 42.0174 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(183, 191, 0) }
```


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

```
.border{ border-color:rgb(183, 191, 0) }
```

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

Here you see how a box with a 4 pixel rgb(183, 191, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(183, 191,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7960, -21.3840, 42.0174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 0) }
```

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

```
.background{ background-color: rgb(183,  
191, 0) }
```

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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