

Converting Colors

HunterLab(20.3452, -11.1224,
12.3419)

Have a look what the booklet for
HunterLab(20.3452, -11.1224,
12.3419) contains.

HunterLab(20.3937, -11.2843, 12.3690)	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(20.3937,
-11.2843, 12.3690)**

Conversions

Conversions Part 1

Format	Color
Hex	2A4000
RGB	42, 64, 0
RGB Percent	16%, 25%, 0%
CMY	0.8353, 0.7490, 1.0000
CMYK	0.34, 0.00, 1.00, 0.75
HSL	81°, 100%, 13%
HSV	81°, 100%, 25%
XYZ	2.7882, 4.1590, 0.6558
YIQ	50.1260, 7.4320, -24.5680

Conversions

Conversions Part 2

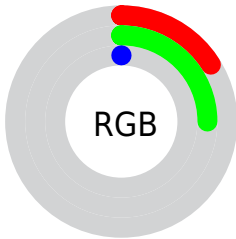
Format	Color
RYB	0, 64, 22
Decimal	2768896
CIELab	24.19, -19.03, 32.33
CIELCh	24, 37.512, 120.483
Yxy	4.1592, 0.3667, 0.5470
Android (android.graphics.Color)	4280958976 (0xFF2A4000)
YUV	50.1260, -24.7121, -7.1265
Hunter-Lab	20.3937, -11.2843, 12.3690

Details

The HunterLab color **20.3937, -11.2843, 12.3690** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.3541, 17.6265, -34.2674**, and the grayscale version is **17.9804, -0.9594, 0.9769**.

A 20% lighter version of the original color is **37.3837, -15.0753, 18.3368**, and **7.8281, -6.7126, 4.7061** is the 20% darker color. If you saturate the color by 10%, you get **20.3941, -11.2849, 12.3692**, and if you desaturate by 10%, it is **20.5449, -10.6194, 11.9432**.

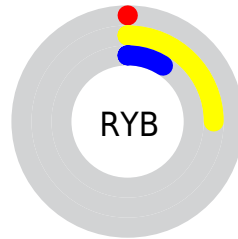
Distribution



Red (16%)

Green (25%)

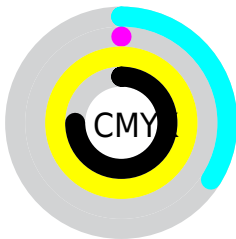
Blue (0%)



Red (0%)

Yellow (25%)

Blue (9%)

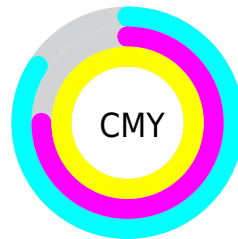


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (84%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3937, -11.2843, 12.3690 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 20.3937, -11.2843, 12.3690 by changing the saturation by 10% instead.

■ 20.3937, -11.2843,
12.3690

■ 20.3937, -11.2843,
12.3690

■ 118.9007,
-26.1842, 35.0888

■ 13.2779, -9.2169,
9.2945

■ 37.3775, -14.9516,
18.2891

■ 6.8115, -11.9201,
4.7681

■ 47.0690, -16.6544,
20.9873

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.4779, -18.3054,
23.5449

0.0000, NaN, NaN

■ 68.5579, -19.9199,
25.9939

0.0000, NaN, NaN

■ 80.2705, -21.5084,
28.3573


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.5832, -23.0784,


30.6526


0.0000, NaN, NaN


 105.4680,
-24.6355, 32.8930


 20.3937, -11.2843,
12.3690


 20.3937, -11.2843,
12.3690


 20.3941, -11.2849,
12.3692

 20.5449, -10.6194,
11.9432

 20.7019, -9.9328,
11.5111

 20.8753, -9.1674,
10.9271

 21.0676, -8.3088,
10.1511

 21.2795, -7.3558,
9.1757

■ 21.5115, -6.3084,
7.9964

■ 21.7638, -5.1677,
6.6111

■ 22.0365, -3.9355,
5.0200

■ 22.3297, -2.6145,
3.2251

Harmonies

Analogous

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



20.3942, -1.2785, 13.4227



20.3937, -11.2843, 12.3690



20.3942, -17.1947, 9.0846

Triad

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



20.3942, -11.2848, 12.3691



20.3942, -11.0237, -27.6378



20.3942, 26.6047, 1.2896

Complementary

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



20.3937, -11.2843, 12.3690



7.3541, 17.6265, -34.2674

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.



20.3942, 22.3874, -12.4835



20.3937, -11.2843, 12.3690



20.3942, -0.8994, -33.9329

Square

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



20.3942, -11.2848, 12.3691



20.3942, -17.0695, -12.9877



20.3942, 11.6112, -27.2489



20.3942, 22.1201, 9.2507

Rectangle

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



20.3937, -11.2843, 12.3690



20.3942, -18.8597, 4.3383



20.3942, 11.6112, -27.2489



20.3942, 26.1491, -2.7509

Sweetspot

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



20.3942, -11.2848, 12.3691



28.6246, -7.0180, 8.9719



12.8014, 10.9067, 8.0789



14.9924, -3.8297, 4.8898



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.3942, -11.2848, 12.3691



26.8001, -15.1320, 16.2492



19.3284, -15.6579, 11.6358



12.2319, -1.3222, 1.6138



30.9954, -17.6548, 18.7902



77.3003, -45.5824, 46.8341

Inverse Universe

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



7.3541, 17.6265, -34.2674



9.5006, 23.0320, -46.2785



10.6593, 21.7264, -20.0325



11.4969, 0.0804, -0.3914



10.9073, 26.5745, -54.1556



26.4335, 65.7096, -141.3782

Previews

White Background



This preview shows how the HunterLab color 20.3937, -11.2843, 12.3690 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](#).

HunterLab 20.3937, -11.2843, 12.3690 Background



This preview shows how black text looks on a background with the HunterLab color 20.3937, -11.2843, 12.3690.



This preview shows how white text looks on a background with the HunterLab color 20.3937,

-11.2843, 12.3690.

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

20.3937, -11.2843, 12.3690

Protanopia

20.3714, -3.2905, 12.4951

Deuteranopia

20.4338, 0.7572, 11.5952



Tritanopia

20.3742, -2.7481, -1.6089

Trichromacy



Original Color

20.3937, -11.2843, 12.3690

Protanomaly

20.2523, -6.3279, 12.3686

Deuteranomaly

20.1687, -3.9342, 11.6837

Tritanomaly

20.1951, -7.0954, 6.1610

Monochromacy



Original Color

20.3937, -11.2843, 12.3690

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.5499, -5.5267, 6.9660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3937, -11.2843, 12.3690 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(42, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(42, 64, 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(42, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 64, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3937, -11.2843, 12.3690 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(42, 64, 0) }
```


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

```
.border{ border-color:rgb(42, 64, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 64, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 64, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 64, 0); box-shadow:4px  
4px 4px 4px rgb(42, 64, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3937, -11.2843, 12.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 64, 0) }
```

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

```
.background{ background-color: rgb(42, 64,  
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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