

Converting Colors

HunterLab(24.7649, -13.8910,
11.6508)

Have a look what the booklet for
HunterLab(24.7649, -13.8910,
11.6508) contains.

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Color

**HunterLab(24.7315,
-13.8248, 11.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4E21
RGB	45, 78, 33
RGB Percent	18%, 31%, 13%
CMY	0.8235, 0.6941, 0.8706
CMYK	0.42, 0.00, 0.58, 0.69
HSL	104°, 41%, 22%
HSV	104°, 58%, 31%
XYZ	4.0811, 6.1165, 2.4043
YIQ	63.0030, -5.2230, -20.9910

Conversions

Conversions Part 2

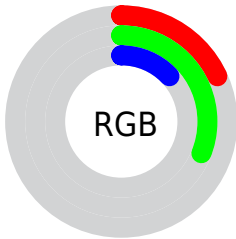
Format	Color
RYB	33, 78, 66
Decimal	2969121
CIELab	29.71, -21.92, 22.69
CIELCh	30, 31.547, 134.007
Yxy	6.1167, 0.3238, 0.4854
Android (android.graphics.Color)	4281159201 (0xFF2D4E21)
YUV	63.0030, -14.7915, -15.7886
Hunter-Lab	24.7315, -13.8248, 11.5480

Details

The HunterLab color $[24.7315, -13.8248, 11.5480]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[16.7219, 15.2079, -14.9871]$, and the grayscale version is $[22.3475, -1.1924, 1.2142]$.

A 20% lighter version of the original color is $[42.5093, -17.6413, 15.5680]$, and $[10.6961, -9.1719, 6.4303]$ is the 20% darker color. If you saturate the color by 10%, you get $[24.4068, -15.2898, 12.5098]$, and if you desaturate by 10%, it is $[25.1084, -12.1439, 10.3481]$.

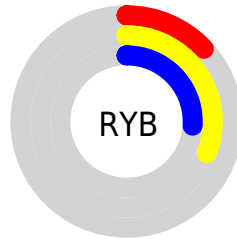
Distribution



Red (18%)

Green (31%)

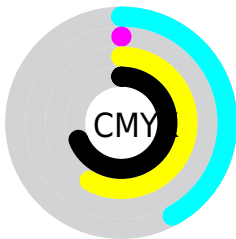
Blue (13%)



Red (13%)

Yellow (31%)

Blue (26%)

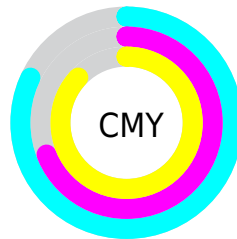


Cyan (42%)

Magenta (0%)

Yellow (58%)

Black (69%)



Cyan (82%)

Magenta (69%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.7315, -13.8248, 11.5480 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 24.7315, -13.8248, 11.5480 by changing the saturation by 10% instead.

■ 24.7315, -13.8248,
11.5480

■ 24.7315, -13.8248,
11.5480

■ 126.5340,
-29.9970, 28.4228

■ 17.0769, -11.6111,
9.2148

■ 42.6296, -17.8024,
15.7660

■ 10.4314, -9.9359,
7.3020

■ 52.7231, -19.6565,
17.7135

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5072, -21.4542,
19.5917

0.0000, NaN, NaN

■ 74.9403, -23.2104,
21.4185

0.0000, NaN, NaN

■ 86.9875, -24.9359,
23.2067

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.6189, -26.6384,

24.9656

0.0000, NaN, NaN

■ 112.8086,
-28.3239, 26.7025

■ 24.7315, -13.8248,
11.5480

■ 24.7315, -13.8248,
11.5480

■ 24.4068, -15.2898,
12.5098

■ 25.1084, -12.1439,
10.3481

■ 24.1317, -16.5329,
13.2367

■ 25.5361, -10.2540,
8.9111

■ 23.9054, -17.5549,
13.7393

■ 26.0151, -8.1666,
7.2427

■ 23.7169, -18.4148,
14.1626

■ 26.5447, -5.8954,
5.3520

■ 23.6775, -18.5968,
14.2644

■ 27.1238, -3.4550,
3.2508

■ 27.7514, -0.8613,
0.9524

■ 28.4259, 1.8702,
-1.5287

■ 29.1457, 4.7239,
-4.1775

■ 29.9090, 7.6851,
-6.9790

Harmonies

Analogous

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



24.7320, -6.0133, 13.6604



24.7315, -13.8248, 11.5480



24.7320, -17.8687, 6.0682

Triad

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



24.7320, -13.8253, 11.5482



24.7320, -6.6334, -25.0912



24.7320, 21.4338, 5.5523

Complementary

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



24.7315, -13.8248, 11.5480



16.7219, 15.2079, -14.9871

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.



24.7320, 21.1927, -4.5412



24.7315, -13.8248, 11.5480



24.7320, 3.7496, -25.4219

Square

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



24.7320, -13.8253, 11.5482



24.7320, -14.2138, -16.0248



24.7320, 14.2995, -16.7984



24.7320, 14.9117, 11.3066

Rectangle

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



24.7315, -13.8248, 11.5480



24.7320, -18.3884, -0.0316



24.7320, 14.2995, -16.7984



24.7320, 22.1709, 2.6491

Sweetspot

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



24.7320, -13.8253, 11.5482



35.0587, -7.7668, 7.0521



23.7196, -1.1365, 10.9992



17.4678, -4.0124, 3.6348



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



24.7320, -13.8253, 11.5482



32.0826, -20.8622, 16.9283



24.3937, -14.9040, 9.0974



13.7309, -1.8726, 1.7538



31.2065, -24.8184, 18.7948



75.7060, -61.5291, 45.5725

Inverse Universe

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



16.7219, 15.2079, -14.9871



19.5490, 25.0722, -25.6396



17.6603, 16.7426, -6.9184



13.0677, 0.4811, -0.3554



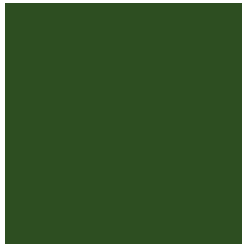
15.6436, 32.9223, -37.4263



37.4749, 79.3469, -93.3801

Previews

White Background



This preview shows how the HunterLab color 24.7315, -13.8248, 11.5480 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

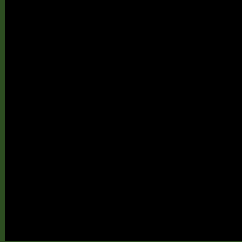
Any Text WCAG AA × Fail

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 24.7315, -13.8248, 11.5480 Background



This preview shows how black text looks on a background with the HunterLab color 24.7315, -13.8248, 11.5480.



This preview shows how white text looks on a background with the HunterLab color 24.7315,

-13.8248, 11.5480.

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

24.7315, -13.8248, 11.5480

Protanopia

24.6960, -2.8911, 12.0548

Deuteranopia

24.7389, 1.1777, 11.2645



Tritanopia

24.6708, -5.1017, -2.6644

Trichromacy



Original Color

24.7315, -13.8248, 11.5480

Protanomaly

24.5512, -7.4117, 11.6986

Deuteranomaly

24.4283, -5.0804, 11.1043

Tritanomaly

24.6131, -8.9805, 4.0310

Monochromacy



Original Color

24.7315, -13.8248, 11.5480

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.8537, -6.2693, 5.5441

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.7315, -13.8248, 11.5480 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(45, 78, 33)` looks like.

```
.text, #text, p{  
    color:rgb(45, 78, 33)  
}
```

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(45, 78, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 78, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 24.7315, -13.8248, 11.5480 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(45, 78, 33) }
```


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

```
.border{ border-color:rgb(45, 78, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 78, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 78, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 78, 33);  
box-shadow:4px 4px 4px 4px rgb(45, 78, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.7315, -13.8248, 11.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 78, 33) }
```

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

```
.background{ background-color: rgb(45, 78,  
33) }
```

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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