

Converting Colors

HunterLab(21.8322, -9.5117,
7.4759)

Have a look what the booklet for
HunterLab(21.8322, -9.5117, 7.4759)
contains.

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Color

**HunterLab(21.7538, -9.4356,
7.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	2D4329
RGB	45, 67, 41
RGB Percent	18%, 26%, 16%
CMY	0.8235, 0.7372, 0.8392
CMYK	0.33, 0.00, 0.39, 0.74
HSL	111°, 24%, 21%
HSV	111°, 39%, 26%
XYZ	3.4896, 4.7323, 2.8273
YIQ	57.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

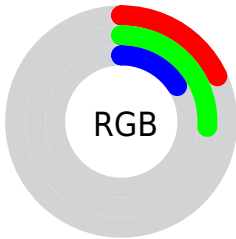
Format	Color
R_{YB}	41, 67, 63
Decimal	2966313
CIE _{Lab}	25.96, -14.67, 13.12
CIE _{LCh}	26, 19.681, 138.205
Yxy	4.7325, 0.3158, 0.4283
Android (android.graphics.Color)	4281156393 (0xFF2D4329)
YUV	57.4580, -8.1138, -10.9257
Hunter-Lab	21.7538, -9.4356, 7.5218

Details

The HunterLab color $[21.7538, -9.4356, 7.5218]$ is a dark color, and the websafe version is hex 333300 . A complement of this color would be $[17.4586, 8.8736, -7.1212]$, and the grayscale version is $[20.4125, -1.0892, 1.1091]$.

A 20% lighter version of the original color is $[38.9983, -12.2959, 10.4302]$, and $[8.3382, -7.1500, 5.0128]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.3765, -11.1087, 8.7168]$, and if you desaturate by 10%, it is $[22.1826, -7.5717, 6.1485]$.

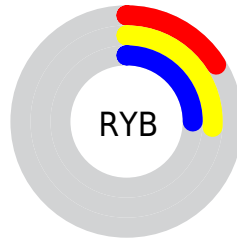
Distribution



Red (18%)

Green (26%)

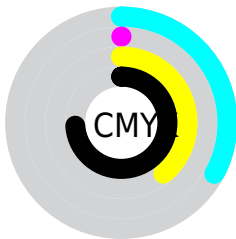
Blue (16%)



Red (16%)

Yellow (26%)

Blue (25%)

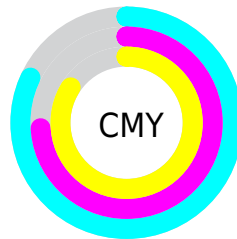


Cyan (33%)

Magenta (0%)

Yellow (39%)

Black (74%)



Cyan (82%)

Magenta (74%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7538, -9.4356, 7.5218 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 21.7538, -9.4356, 7.5218 by changing the saturation by 10% instead.

■ 21.7538, -9.4356,
7.5218

■ 21.7538, -9.4356,
7.5218

121.3304,
-22.0039, 19.3859

■ 14.4609, -7.8069,
5.9930

■ 39.0360, -12.4124,
10.3147

■ 8.1219, -8.3061,
5.6853

■ 48.8581, -13.8260,
11.6433

0.0000, NaN, NaN

■ 59.3888, -15.2128,
12.9491

0.0000, NaN, NaN

■ 70.5832, -16.5827,
14.2416

0.0000, NaN, NaN

■ 82.4041, -17.9424,
15.5274

0.0000, NaN, NaN

■ 94.8198, -19.2968,

0.0000, NaN, NaN

107.8032,
-20.6498, 18.0966

21.7538, -9.4356,
7.5218

21.7538, -9.4356,
7.5218

21.3765, -11.1087,
8.7168

22.1826, -7.5717,
6.1485

21.0494, -12.5779,
9.7260

22.6609, -5.5297,
4.6057

20.7726, -13.8354,
10.5466

23.1882, -3.3259,
2.9052

20.5451, -14.8771,
11.1797

23.7631, -0.9766,
1.0597

20.3640, -15.7101,
11.6461

24.3840, 1.5016,
-0.9174

■ 20.2170, -16.4021,
12.1031

■ 25.0492, 4.0927,
-3.0128

■ 20.2015, -16.4767,
12.1596

■ 25.7568, 6.7815,
-5.2135

■ 26.5048, 9.5540,
-7.5072

■ 27.2914, 12.3974,
-9.8824

Harmonies

Analogous

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



21.7543, -4.7998, 9.5011



21.7538, -9.4356, 7.5218



21.7543, -11.7451, 3.3993

Triad

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



21.7543, -9.4360, 7.5220



21.7543, -3.5706, -13.2895



21.7543, 11.5085, 4.4694

Complementary

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



21.7538, -9.4356, 7.5218



17.4586, 8.8736, -7.1212

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.



21.7543, 11.9342, -1.2917



21.7538, -9.4356, 7.5218



21.7543, 2.7319, -12.7609

Square

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



21.7543, -9.4360, 7.5220



21.7543, -8.6242, -9.2118



21.7543, 8.5698, -7.9240



21.7543, 7.4652, 8.1135

Rectangle

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



21.7538, -9.4356, 7.5218



21.7543, -11.8496, -0.5160



21.7543, 8.5698, -7.9240



21.7543, 12.0949, 2.7572

Sweetspot

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



21.7543, -9.4360, 7.5220



29.8482, -5.3960, 4.6086



22.0721, -2.4423, 7.9227



15.1816, -2.7906, 2.3799



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.



21.7543, -9.4360, 7.5220



27.7501, -14.4476, 11.3348



21.7102, -9.2959, 5.0763



12.1252, -1.7011, 1.4894



29.3797, -24.3117, 17.6780



73.3999, -61.7187, 44.1482

Inverse Universe

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



17.4586, 8.8736, -7.1212



20.8752, 15.0129, -12.3016



17.5732, 8.6587, -2.6766



11.6116, 0.4706, -0.2400



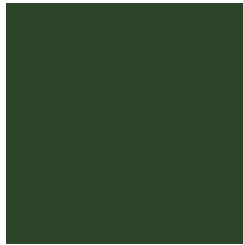
16.2936, 33.1886, -30.4429



40.4173, 82.5848, -77.5176

Previews

White Background



This preview shows how the HunterLab color 21.7538, -9.4356, 7.5218 looks on a white background.

Color Contrast Check

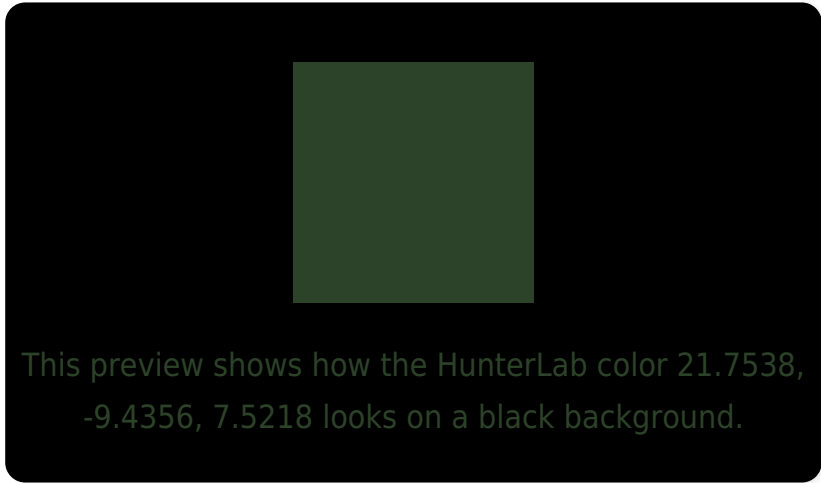
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7538, -9.4356, 7.5218 Background



This preview shows how black text looks on a background with the HunterLab color 21.7538, -9.4356, 7.5218.



This preview shows how white text looks on a background with the HunterLab color 21.7538, -9.4356,

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

21.7538, -9.4356, 7.5218

Protanopia

21.6270, -1.9467, 8.0302

Deuteranopia

21.7228, 0.9974, 7.1650



Tritanopia

21.8508, -3.7413, -1.8782

Trichromacy



Original Color

21.7538, -9.4356, 7.5218

Protanomaly

21.5361, -4.8316, 7.6591

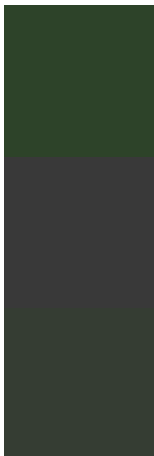
Deuteranomaly

21.6083, -3.1984, 7.2485

Tritanomaly

21.7365, -6.0232, 2.0022

Monochromacy



Original Color

21.7538, -9.4356, 7.5218

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.8168, -4.4069, 3.8296

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7538, -9.4356, 7.5218 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, 67, 41)` looks like.

```
.text, #text, p{  
    color:rgb(45, 67, 41)  
}
```

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, 67, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 67, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7538, -9.4356, 7.5218 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, 67, 41) }
```


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

```
.border{ border-color:rgb(45, 67, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 67, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 67, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 67, 41);  
box-shadow:4px 4px 4px 4px rgb(45, 67, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7538, -9.4356, 7.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 67, 41) }
```

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

```
.background{ background-color: rgb(45, 67,  
41) }
```

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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