

Converting Colors

HunterLab(21.8479, -7.9181,
6.1939)

Have a look what the booklet for
HunterLab(21.8479, -7.9181, 6.1939)
contains.

HunterLab(21.7868, -7.7474, 6.2552)	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(21.7868, -7.7474,
6.2552)**

Conversions

Conversions Part 1

Format	Color
Hex	31422E
RGB	49, 66, 46
RGB Percent	19%, 26%, 18%
CMY	0.8078, 0.7412, 0.8196
CMYK	0.26, 0.00, 0.30, 0.74
HSL	111°, 18%, 22%
HSV	111°, 30%, 26%
XYZ	3.7080, 4.7466, 3.3055
YIQ	58.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

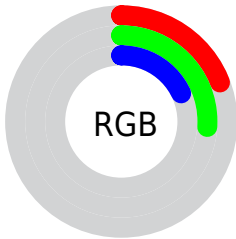
Format	Color
RYB	46, 66, 63
Decimal	3228206
CIELab	26.00, -11.46, 10.02
CIELCh	26, 15.225, 138.823
Yxy	4.7468, 0.3153, 0.4036
Android (android.graphics.Color)	4281418286 (0xFF31422E)
YUV	58.6370, -6.2300, -8.4516
Hunter-Lab	21.7868, -7.7474, 6.2552

Details

The HunterLab color **21.7868, -7.7474, 6.2552** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.4506, 6.5108, -5.0806**, and the grayscale version is **20.8102, -1.1104, 1.1307**.

A 20% lighter version of the original color is **39.1077, -10.1387, 8.5700**, and **8.2406, -6.2613, 4.9682** is the 20% darker color. If you saturate the color by 10%, you get **21.3725, -9.5578, 7.5805**, and if you desaturate by 10%, it is **22.2514, -5.7608, 4.7635**.

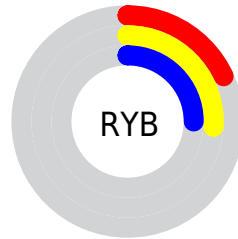
Distribution



Red (19%)

Green (26%)

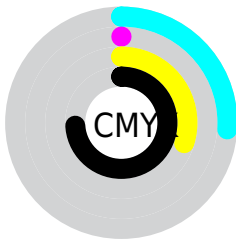
Blue (18%)



Red (18%)

Yellow (26%)

Blue (25%)

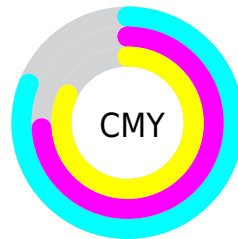


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (74%)



Cyan (81%)

Magenta (74%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7868, -7.7474, 6.2552 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 21.7868, -7.7474, 6.2552 by changing the saturation by 10% instead.

■ 21.7868, -7.7474,
6.2552

■ 21.7868, -7.7474,
6.2552

■ 121.3889,
-18.6780, 16.5125

■ 14.4897, -6.4058,
5.0168

■ 39.0761, -10.2547,
8.5787

■ 8.1508, -6.5615,
5.5413

■ 48.9014, -11.4668,
9.7081

0.0000, NaN, NaN

■ 59.4349, -12.6675,
10.8312

0.0000, NaN, NaN

■ 70.6321, -13.8636,
11.9542

0.0000, NaN, NaN

■ 82.4555, -15.0598,
13.0813

0.0000, NaN, NaN

■ 94.8737, -16.2594,

0.0000, NaN, NaN

107.8594,
-17.4649, 15.3586

■ 21.7868, -7.7474,
6.2552

■ 21.7868, -7.7474,
6.2552

■ 21.3725, -9.5578,
7.5805

■ 22.2514, -5.7608,
4.7635

■ 21.0076, -11.1769,
8.7295

■ 22.7641, -3.6119,
3.1158

■ 20.6927, -12.5942,
9.6964

■ 23.3238, -1.3173,
1.3247

■ 20.4273, -13.8019,
10.4784

■ 23.9293, 1.1067,
-0.5968

■ 20.2102, -14.7968,
11.0774

■ 24.5786, 3.6440,
-2.6354

■ 20.0376, -15.5931,
11.5303

■ 25.2701, 6.2796,
-4.7785

■ 19.9010, -16.2402,
11.9786

■ 26.0017, 8.9995,
-7.0137

■ 26.7716, 11.7910,
-9.3299

■ 27.5778, 14.6427,
-11.7166

Harmonies

Analogous

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



21.7873, -4.0916, 8.0226



21.7868, -7.7474, 6.2552



21.7873, -9.5783, 2.8364

Triad

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



21.7873, -7.7478, 6.2554



21.7873, -2.9421, -9.4352



21.7873, 8.3843, 3.8584

Complementary

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



21.7868, -7.7474, 6.2552



18.4506, 6.5108, -5.0806

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.



21.7873, 8.7604, -0.6047



21.7868, -7.7474, 6.2552



21.7873, 1.9275, -8.9925

Square

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



21.7873, -7.7478, 6.2554



21.7873, -6.9698, -6.6034



21.7873, 6.3091, -5.5005



21.7873, 5.3224, 6.8621

Rectangle

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



21.7868, -7.7474, 6.2552



21.7873, -9.6343, -0.2190



21.7873, 6.3091, -5.5005



21.7873, 8.8385, 2.5032

Sweetspot

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



21.7873, -7.7478, 6.2554



30.0655, -4.4923, 3.8989



22.1602, -2.3910, 6.6974



15.2780, -2.3890, 2.0639



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.



21.7873, -7.7478, 6.2554



28.3097, -11.9689, 9.5358



21.7590, -7.5802, 4.0970



12.1243, -1.7039, 1.4885



29.3745, -24.3341, 17.6744



73.3899, -61.7615, 44.1413

Inverse Universe

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



18.4506, 6.5108, -5.0806



22.9279, 11.0946, -8.8287



18.5152, 6.2900, -1.7313



11.6125, 0.4737, -0.2388



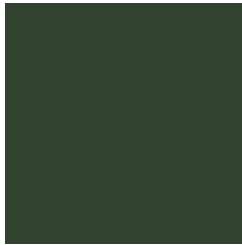
16.3450, 33.2601, -30.2807



40.5551, 82.7754, -77.0763

Previews

White Background



This preview shows how the HunterLab color 21.7868, -7.7474, 6.2552 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 21.7868, -7.7474, 6.2552 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

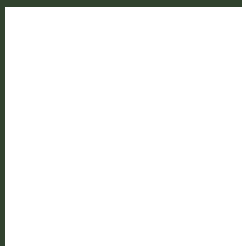
Any Text WCAG AAA × Fail

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

HunterLab 21.7868, -7.7474, 6.2552 Background



This preview shows how black text looks on a background with the HunterLab color 21.7868, -7.7474, 6.2552.



This preview shows how white text looks on a background with the HunterLab color 21.7868, -7.7474,

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

21.7868, -7.7474, 6.2552

Protanopia

21.6277, -1.7805, 6.7634

Deuteranopia

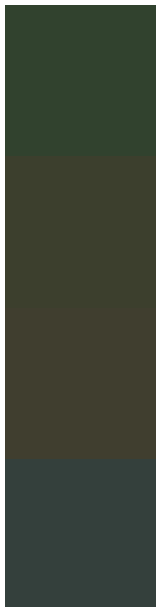
21.7234, 1.1786, 5.7745



Tritanopia

21.7468, -2.8517, -1.5597

Trichromacy



Original Color

21.7868, -7.7474, 6.2552

Protanomaly

21.6913, -4.1000, 6.5084

Deuteranomaly

21.7726, -2.4387, 6.0501

Tritanomaly

21.7327, -4.6431, 1.6476

Monochromacy



Original Color

21.7868, -7.7474, 6.2552

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.2693, -3.9535, 3.3080

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7868, -7.7474, 6.2552 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(49, 66, 46)` looks like.

```
.text, #text, p{  
    color:rgb(49, 66, 46)  
}
```

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(49, 66, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 66, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7868, -7.7474, 6.2552 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(49, 66, 46) }
```


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

```
.border{ border-color:rgb(49, 66, 46) }
```

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

Here you see how a box with a 4 pixel rgb(49, 66, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 66, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 66, 46);  
box-shadow:4px 4px 4px 4px rgb(49, 66, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.7868, -7.7474, 6.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 66, 46) }
```

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

```
.background{ background-color: rgb(49, 66,  
46) }
```

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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