

Converting Colors

HunterLab(31.2634, -8.5641,
7.9526)

Have a look what the booklet for
HunterLab(31.2634, -8.5641, 7.9526)
contains.

HunterLab(31.1240, -8.4422, 7.6747)	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(31.1240, -8.4422,
7.6747)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5C47
RGB	77, 92, 71
RGB Percent	30%, 36%, 28%
CMY	0.6980, 0.6392, 0.7216
CMYK	0.16, 0.00, 0.23, 0.64
HSL	103°, 13%, 32%
HSV	103°, 23%, 36%
XYZ	8.0251, 9.6870, 7.4081
YIQ	85.1210, -2.1990, -9.7110

Conversions

Conversions Part 2

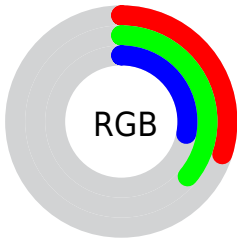
Format	Color
RYB	71, 92, 86
Decimal	5069895
CIELab	37.28, -10.28, 10.21
CIELCh	37, 14.487, 135.214
Yxy	9.6875, 0.3195, 0.3856
Android (android.graphics.Color)	4283259975 (0xFF4D5C47)
YUV	85.1210, -6.9617, -7.1221
Hunter-Lab	31.1240, -8.4422, 7.6747

Details

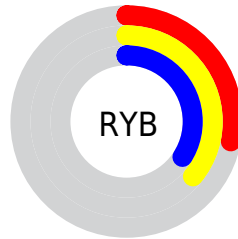
The HunterLab color **31.1240, -8.4422, 7.6747** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **26.9405, 6.0133, -5.5786**, and the grayscale version is **30.2100, -1.6119, 1.6414**.

A 20% lighter version of the original color is **50.1134, -10.7362, 10.0430**, and **15.2977, -6.1122, 5.3006** is the 20% darker color. If you saturate the color by 10%, you get **30.5261, -11.0369, 9.8206**, and if you desaturate by 10%, it is **31.7837, -5.6339, 5.2560**.

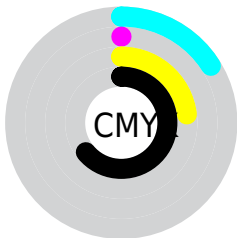
Distribution



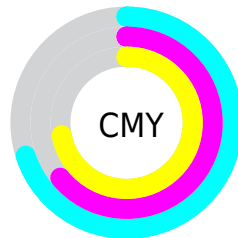
- Red (30%)
- Green (36%)
- Blue (28%)



- Red (28%)
- Yellow (36%)
- Blue (34%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (64%)



- Cyan (70%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1240, -8.4422, 7.6747 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 31.1240, -8.4422, 7.6747 by changing the saturation by 10% instead.

■ 31.1240, -8.4422,
7.6747

■ 31.1240, -8.4422,
7.6747

137.2686,
-18.7716, 18.0076

■ 22.7865, -7.2642,
6.4886

■ 50.2055, -10.7326,
9.9700

■ 15.3639, -6.0343,
5.2436

■ 60.8260, -11.8656,
11.1033

■ 8.9747, -5.4717,
5.2022

■ 72.1049, -12.9990,
12.2363

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.0058, -14.1366,
13.3733

0.0000, NaN, NaN

■ 96.4978, -15.2810,
14.5171

0.0000, NaN, NaN

109.5540,

0.0000, NaN, NaN

-16.4341, 15.6698

0.0000, NaN, NaN

123.1512,
-17.5973, 16.8330

■ 31.1240, -8.4422,
7.6747

■ 31.1240, -8.4422,
7.6747

■ 30.5261, -11.0369,
9.8206

■ 31.7837, -5.6339,
5.2560

■ 29.9888, -13.3990,
11.6801

■ 32.5018, -2.6283,
2.5788

■ 29.5133, -15.5142,
13.2452

■ 33.2773, 0.5548,
-0.3393

■ 29.0994, -17.3713,
14.5123

■ 34.1084, 3.8963,
-3.4800

■ 28.7463, -18.9630,
15.4845

■ 34.9931, 7.3779,
-6.8244

■ 28.4525, -20.2876,
16.1719

■ 35.9291, 10.9821,
-10.3542

■ 28.2142, -21.3576,
16.6133

■ 36.9142, 14.6928,
-14.0514

■ 28.0679, -22.0230,
16.9097

■ 37.9462, 18.4952,
-17.8991

■ 39.0229, 22.3762,
-21.8818

Harmonies

Analogous

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



31.1247, -4.2420, 9.5428



31.1240, -8.4422, 7.6747



31.1247, -10.7482, 4.0241

Triad

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



31.1247, -8.4429, 7.6751



31.1247, -4.1721, -8.9713



31.1247, 8.5805, 4.0873

Complementary

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



31.1240, -8.4422, 7.6747



26.9405, 6.0133, -5.5786

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.



31.1247, 8.6023, -0.8311



31.1240, -8.4422, 7.6747



31.1247, 1.0040, -8.9469

Square

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



31.1247, -8.4429, 7.6751



31.1247, -8.3946, -5.8371



31.1247, 5.7533, -5.7749



31.1247, 5.6956, 7.7148

Rectangle

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



31.1240, -8.4422, 7.6747



31.1247, -11.0031, 0.8177



31.1247, 5.7533, -5.7749



31.1247, 8.9289, 2.5459

Sweetspot

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



31.1247, -8.4429, 7.6751



42.5706, -5.2550, 5.0088



30.5589, -1.7528, 7.2333



21.3027, -2.6869, 2.5577



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



31.1247, -8.4429, 7.6751



40.7675, -12.9323, 11.6275



30.8303, -9.3554, 5.9628



16.1676, -2.2459, 2.1254



33.7237, -26.6594, 20.3136



78.6608, -63.4659, 47.3593

Inverse Universe

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



26.9405, 6.0133, -5.5786



34.0624, 10.2719, -9.6778



27.3557, 7.0721, -2.9370



15.3378, 0.6134, -0.4900



16.5881, 35.1483, -41.5335



38.2134, 81.4649, -99.5164

Previews

White Background



This preview shows how the HunterLab color 31.1240, -8.4422, 7.6747 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 31.1240, -8.4422, 7.6747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

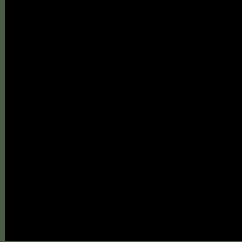
Any Text WCAG AA × Fail

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 31.1240, -8.4422, 7.6747 Background



This preview shows how black text looks on a background with the HunterLab color 31.1240, -8.4422, 7.6747.

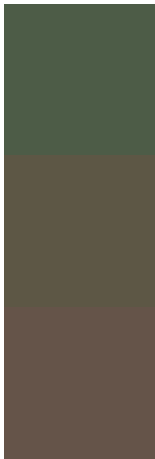


This preview shows how white text looks on a background with the HunterLab color 31.1240, -8.4422, 7.6747.

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

31.1240, -8.4422, 7.6747

Protanopia

30.9406, -2.2438, 8.2373

Deuteranopia

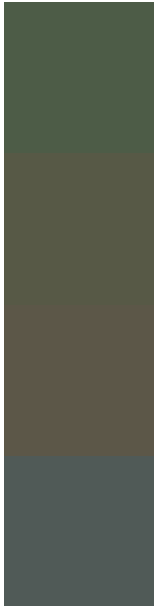
30.9651, 1.9563, 7.0456



Tritanopia

31.2068, -2.6919, -1.8427

Trichromacy



Original Color

31.1240, -8.4422, 7.6747

Protanomaly

31.0051, -4.6998, 7.9426

Deuteranomaly

30.9186, -2.1974, 7.2567

Tritanomaly

31.1543, -4.7606, 1.9538

Monochromacy



Original Color

31.1240, -8.4422, 7.6747

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

30.5818, -4.3877, 4.0537

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1240, -8.4422, 7.6747 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(77, 92, 71)` looks like.

```
.text, #text, p{  
    color:rgb(77, 92, 71)  
}
```

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(77, 92, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 92, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1240, -8.4422, 7.6747 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(77, 92, 71) }
```


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

```
.border{ border-color:rgb(77, 92, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 92, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 92, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 92, 71);  
box-shadow:4px 4px 4px 4px rgb(77, 92, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.1240, -8.4422, 7.6747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 92, 71) }
```

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

```
.background{ background-color: rgb(77, 92,  
71) }
```

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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