

Converting Colors

HunterLab(31.8529, 20.2437,
-14.5022)

Have a look what the booklet for
HunterLab(31.8529, 20.2437,
-14.5022) contains.

HunterLab(31.7682, 20.2776, -14.4332)	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(31.7682, 20.2776,
-14.4332)**

Conversions

Conversions Part 1

Format	Color
Hex	77497A
RGB	119, 73, 122
RGB Percent	47%, 29%, 48%
CMY	0.5333, 0.7137, 0.5216
CMYK	0.02, 0.40, 0.00, 0.52
HSL	296°, 25%, 38%
HSV	296°, 40%, 48%
XYZ	13.5032, 10.0922, 19.6487
YIQ	92.3400, 11.6870, 24.9910

Conversions

Conversions Part 2

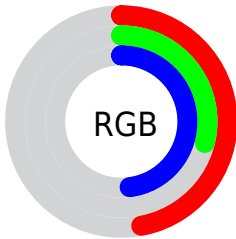
Format	Color
R_{YB}	119, 73, 122
Decimal	7817594
CIE _{Lab}	38.01, 28.11, -19.90
CIE _{LCh}	38, 34.439, 324.696
Yxy	10.0926, 0.3123, 0.2334
Android (android.graphics.Color)	4286007674 (0xFF77497A)
YUV	92.3400, 14.6224, 23.3808
Hunter-Lab	31.7682, 20.2776, -14.4332

Details

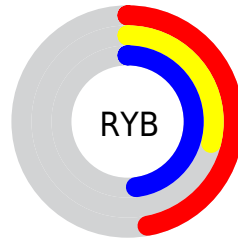
The HunterLab color $[31.7682, 20.2776, -14.4332]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[39.9210, -20.0379, 14.8860]$, and the grayscale version is $[32.7855, -1.7494, 1.7813]$.

A 20% lighter version of the original color is $[51.0213, 22.0855, -15.3046]$, and $[15.9063, 17.5990, -13.3858]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.3104, 25.9089, -18.7309]$, and if you desaturate by 10%, it is $[34.5097, 14.5474, -10.1145]$.

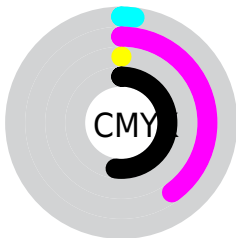
Distribution



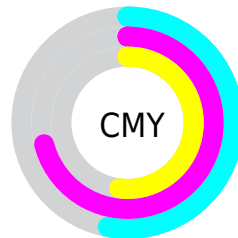
- Red (47%)
- Green (29%)
- Blue (48%)



- Red (47%)
- Yellow (29%)
- Blue (48%)



- Cyan (2%)
- Magenta (40%)
- Yellow (0%)
- Black (52%)



- Cyan (53%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7682, 20.2776, -14.4332 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 31.7682, 20.2776, -14.4332 by changing the saturation by 10% instead.

31.7682, 20.2776,
-14.4332

31.7682, 20.2776,
-14.4332

138.3228, 25.9545,
-15.7118

23.3675, 19.1138,
-13.9849

50.9604, 22.2028,
-15.1462

15.8741, 17.8031,
-13.5141

61.6304, 22.9941,
-15.4034

9.4157, 16.3678,
-13.1468

72.9561, 23.6866,
-15.5964

0.0000, INF, -NF

0.0000, NaN, NaN

84.9013, 24.2900,
-15.7284

0.0000, NaN, NaN

97.4354, 24.8122,
-15.8028

0.0000, NaN, NaN

110.5321, 25.2600,

0.0000, NaN, NaN

-15.8228

0.0000, NaN, NaN

124.1681, 25.6391,
-15.7916

■ 31.7682, 20.2776,
-14.4332

■ 31.7682, 20.2776,
-14.4332

■ 29.3104, 25.9089,
-18.7309

■ 34.5097, 14.5474,
-10.1145

■ 27.1769, 31.2516,
-22.8760

■ 37.4937, 8.8424,
-5.8581

■ 25.4101, 36.0358,
-26.6738

■ 40.6866, 3.2279,
-1.7040

■ 24.0432, 39.9462,
-29.8903

■ 44.0598, -2.2660,
2.3325

■ 23.0892, 42.6990,
-32.3060

■ 47.5896, -7.6315,
6.2514

■ 22.4016, 44.6359,
-34.1469

■ 51.2564, -12.8728,
10.0603

■ 55.0444, -18.0003,
13.7703

■ 58.9402, -23.0269,
17.3938

■ 62.9330, -27.9660,
20.9428

Harmonies

Analogous

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



31.7689, 8.9278, -26.6695



31.7682, 20.2776, -14.4332



31.7689, 25.8024, -0.4470

Triad

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



31.7689, 20.2766, -14.4323



31.7689, 0.5448, 17.0674



31.7689, -20.6396, -9.3227

Complementary

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



31.7682, 20.2776, -14.4332



39.9210, -20.0379, 14.8860

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.



31.7689, -22.1789, 3.7617



31.7682, 20.2776, -14.4332



31.7689, -11.0860, 16.2345

Square

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



31.7689, 20.2766, -14.4323



31.7689, 13.3429, 15.2586



31.7689, -18.9565, 12.2693



31.7689, -14.3728, -23.0102

Rectangle

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



31.7682, 20.2776, -14.4332



31.7689, 24.9104, 6.9773



31.7689, -18.9565, 12.2693



31.7689, -21.6820, -4.6021

Sweetspot

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



31.7689, 20.2766, -14.4323



53.0437, 5.8532, -3.4197



28.3334, 6.2583, -20.9613



25.1653, 3.1419, -1.8886



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



31.7689, 20.2766, -14.4323



39.1858, 33.6270, -24.2772



31.3658, 17.6489, -3.5241



20.1634, 1.2882, -0.6179



22.9830, 45.7957, -35.0452



50.0605, 99.8264, -76.9233

Inverse Universe

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



30.7000, 14.3807, 5.9631



37.4588, 24.3575, 9.2847



40.1848, -18.1815, 8.7372



20.0466, 0.6008, 1.5033



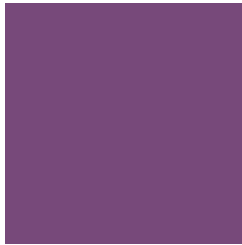
20.9117, 35.8920, 12.8912



45.6239, 78.2107, 28.8728

Previews

White Background



This preview shows how the HunterLab color 31.7682, 20.2776, -14.4332 looks on a white background.

Color Contrast Check

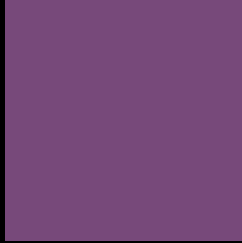
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 31.7682, 20.2776, -14.4332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

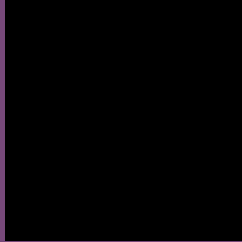
Any Text WCAG AA × Fail

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 31.7682, 20.2776, -14.4332 Background



This preview shows how black text looks on a background with the HunterLab color 31.7682, 20.2776, -14.4332.



This preview shows how white text looks on a background with the HunterLab color 31.7682, 20.2776, -14.4332.

-14.4332.

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

31.7682, 20.2776, -14.4332

Protanopia

31.8693, 3.6937, -22.2578

Deuteranopia

31.7887, 2.2018, -12.9251



Tritanopia

31.8597, 9.2489, 3.0136

Trichromacy



Original Color

31.7682, 20.2776, -14.4332

Protanomaly

31.5783, 8.8329, -20.0393

Deuteranomaly

31.5840, 8.0414, -13.7542

Tritanomaly

31.7520, 13.1711, -2.7171

Monochromacy



Original Color

31.7682, 20.2776, -14.4332

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.0953, 5.9904, -3.8228

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7682, 20.2776, -14.4332 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(119, 73, 122)` looks like.

```
.text, #text, p{  
    color:rgb(119, 73, 122)  
}
```

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(119, 73, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 73, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7682, 20.2776, -14.4332 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(119, 73, 122) }
```


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

```
.border{ border-color:rgb(119, 73, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 73, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 73, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 73, 122);  
box-shadow:4px 4px 4px 4px rgb(119, 73,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7682, 20.2776, -14.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 73, 122) }
```

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

```
.background{ background-color: rgb(119, 73,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor