

Converting Colors

HunterLab(31.7871, 8.5817,
-14.8487)

Have a look what the booklet for
HunterLab(31.7871, 8.5817,
-14.8487) contains.

HunterLab(31.7466, 8.7103, -14.6724)	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(31.7466, 8.7103,
-14.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	60537A
RGB	96, 83, 122
RGB Percent	38%, 33%, 48%
CMY	0.6235, 0.6745, 0.5216
CMYK	0.21, 0.32, 0.00, 0.52
HSL	260°, 19%, 40%
HSV	260°, 32%, 48%
XYZ	11.4300, 10.0785, 19.7553
YIQ	91.3330, -4.7710, 14.8850

Conversions

Conversions Part 2

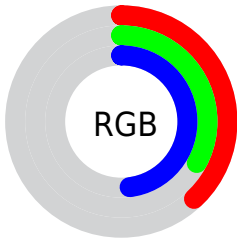
Format	Color
R_{YB}	96, 83, 122
Decimal	6312826
CIE _{Lab}	37.98, 14.11, -20.15
CIE _{LCh}	38, 24.599, 305.005
Yxy	10.0789, 0.2770, 0.2442
Android (android.graphics.Color)	4284502906 (0xFF60537A)
YUV	91.3330, 15.1188, 4.0930
Hunter-Lab	31.7466, 8.7103, -14.6724

Details

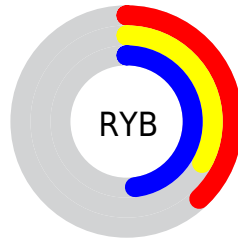
The HunterLab color $31.7466, 8.7103, -14.6724$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $42.1842, -11.0791, 14.2971$, and the grayscale version is $32.4154, -1.7296, 1.7612$.

A 20% lighter version of the original color is $51.0620, 9.0750, -15.4698$, and $15.8752, 7.7754, -13.6230$ is the 20% darker color. If you saturate the color by 10%, you get $28.2042, 12.4475, -21.1091$, and if you desaturate by 10%, it is $35.4643, 5.1206, -8.8399$.

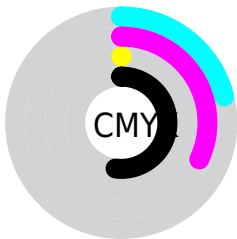
Distribution



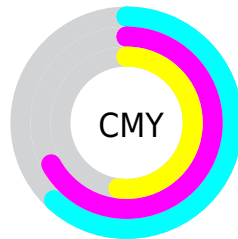
- Red (38%)
- Green (33%)
- Blue (48%)



- Red (38%)
- Yellow (33%)
- Blue (48%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (52%)



- Cyan (62%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7466, 8.7103, -14.6724 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 31.7466, 8.7103, -14.6724 by changing the saturation by 10% instead.

■ 31.7466, 8.7103,
-14.6724

■ 31.7466, 8.7103,
-14.6724

■ 138.2874, 8.9840,
-16.0225

■ 23.3480, 8.2728,
-14.2185

■ 50.9350, 9.2663,
-15.4005

■ 15.8569, 7.7010,
-13.7455

■ 61.6034, 9.4147,
-15.6659

■ 9.4013, 6.9615,
-13.3852

■ 72.9275, 9.4900,
-15.8671

0.0000, INF, -NF

0.0000, NaN, NaN

■ 84.8712, 9.4997,
-16.0073

0.0000, NaN, NaN

■ 97.4040, 9.4494,
-16.0898

0.0000, NaN, NaN

110.4993, 9.3442,

0.0000, NaN, NaN

-16.1179

0.0000, NaN, NaN

124.1339, 9.1879,
-16.0946

■ 31.7466, 8.7103,
-14.6724

■ 31.7466, 8.7103,
-14.6724

■ 28.2042, 12.4475,
-21.1091

■ 35.4643, 5.1206,
-8.8399

■ 24.8722, 16.3442,
-28.2793

■ 39.3281, 1.6575,
-3.4955

■ 21.8017, 20.3750,
-36.2824

■ 43.3180, -1.7033,
1.4610

■ 19.0605, 24.4314,
-45.1019

■ 47.4183, -4.9836,
6.1094

■ 16.7354, 28.2428,
-54.4250

■ 51.6167, -8.2015,
10.5126

■ 14.9233, 31.3078,
-63.4088

■ 55.9034, -11.3720,
14.7204

■ 13.6738, 33.6928,
-70.8215

■ 60.2705, -14.5074,
18.7714

■ 64.7115, -17.6172,
22.6965

■ 69.2209, -20.7093,
26.5201

Harmonies

Analogous

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



31.7472, -0.1916, -19.0959



31.7466, 8.7103, -14.6724



31.7472, 15.3176, -5.9335

Triad

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



31.7472, 8.7098, -14.6716



31.7472, 5.8496, 13.2098



31.7472, -16.9836, 0.2775

Complementary

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



31.7466, 8.7103, -14.6724



42.1842, -11.0791, 14.2971

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.



31.7472, -15.7420, 7.8561



31.7466, 8.7103, -14.6724



31.7472, -3.1722, 14.0281

Square

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



31.7472, 8.7098, -14.6716



31.7472, 13.5431, 9.7079



31.7472, -10.9126, 12.3649



31.7472, -14.5112, -9.0783

Rectangle

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



31.7466, 8.7103, -14.6724



31.7472, 17.1768, 0.2804



31.7472, -10.9126, 12.3649



31.7472, -16.9838, 3.1107

Sweetspot

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



31.7472, 8.7098, -14.6716



53.0654, 1.4208, -3.4690



37.8431, -6.7048, -5.6462



25.0938, 0.9212, -2.0212



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.



31.7472, 8.7098, -14.6716



38.8155, 14.9760, -25.2995



33.5063, 14.1193, -11.6877



19.8808, 0.3316, -0.9945



14.0152, 34.5568, -72.7664



29.9141, 74.8184, -163.5333

Inverse Universe

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



33.8062, 14.1264, -4.2963



42.2562, 23.5588, -7.3265



40.8963, -15.9087, 13.0566



20.1392, 1.0993, 0.1834



22.3280, 41.0552, -7.4157



48.5983, 89.0665, -13.8704

Previews

White Background



This preview shows how the HunterLab color 31.7466, 8.7103, -14.6724 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 31.7466, 8.7103, -14.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

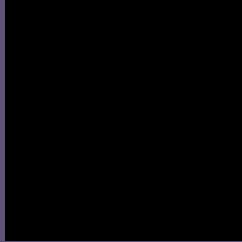
Any Text WCAG AA × Fail

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 31.7466, 8.7103, -14.6724 Background



This preview shows how black text looks on a background with the HunterLab color 31.7466, 8.7103, -14.6724.



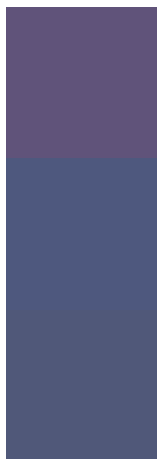
This preview shows how white text looks on a background with the HunterLab color 31.7466, 8.7103, -14.6724.

-14.6724.

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

31.7466, 8.7103, -14.6724

Protanopia

31.7892, 2.7522, -17.1781

Deuteranopia

31.7260, 2.1444, -14.2183



Tritanopia

31.6699, 0.2058, -0.7501

Trichromacy



Original Color

31.7466, 8.7103, -14.6724

Protanomaly

31.7294, 5.0948, -16.6142

Deuteranomaly

31.6457, 4.5046, -14.3123

Tritanomaly

31.6270, 3.3032, -5.5079

Monochromacy



Original Color

31.7466, 8.7103, -14.6724

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.0405, 1.8807, -3.4850

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7466, 8.7103, -14.6724 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(96, 83, 122)` looks like.

```
.text, #text, p{  
    color:rgb(96, 83, 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(96, 83, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 83, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7466, 8.7103, -14.6724 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(96, 83, 122) }
```


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

```
.border{ border-color:rgb(96, 83, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 83, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 83, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 83, 122);  
box-shadow:4px 4px 4px 4px rgb(96, 83,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.7466, 8.7103, -14.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 83, 122) }
```

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

```
.background{ background-color: rgb(96, 83,  
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