

Converting Colors

HunterLab(15.8683, 20.8569,
-54.6514)

Have a look what the booklet for
HunterLab(15.8683, 20.8569,
-54.6514) contains.

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Color

**HunterLab(15.9742, 20.7550,
-54.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1E77
RGB	31, 30, 119
RGB Percent	12%, 12%, 47%
CMY	0.8784, 0.8824, 0.5333
CMYK	0.74, 0.75, 0.00, 0.53
HSL	241°, 60%, 29%
HSV	241°, 75%, 47%
XYZ	4.3591, 2.5518, 17.7155
YIQ	40.4450, -27.9730, 27.8910

Conversions

Conversions Part 2

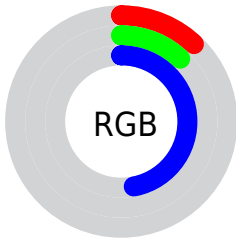
Format	Color
R_{YB}	31, 30, 119
Decimal	2039415
CIE Lab	18.15, 31.77, -50.30
CIE LCh	18, 59.497, 302.277
Yxy	2.5518, 0.1770, 0.1036
Android (android.graphics.Color)	4280229495 (0xFF1F1E77)
YUV	40.4450, 38.7276, -8.2833
Hunter-Lab	15.9742, 20.7550, -54.5711

Details

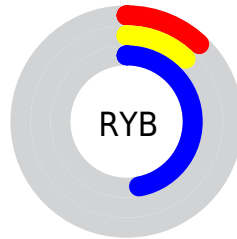
The HunterLab color **15.9742, 20.7550, -54.5711** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **41.3987, -10.7835, 23.5618**, and the grayscale version is **14.5962, -0.7788, 0.7930**.

A 20% lighter version of the original color is **31.9130, 23.4598, -52.4367**, and **6.5549, 17.7802, -46.5755** is the 20% darker color. If you saturate the color by 10%, you get **13.8153, 25.1920, -65.9470**, and if you desaturate by 10%, it is **18.6798, 16.4353, -43.5974**.

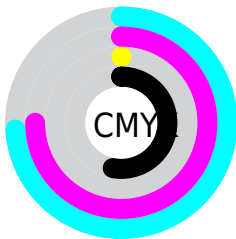
Distribution



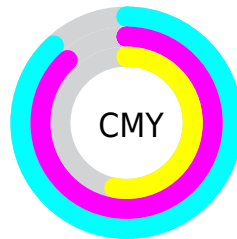
- Red (12%)
- Green (12%)
- Blue (47%)



- Red (12%)
- Yellow (12%)
- Blue (47%)



- Cyan (74%)
- Magenta (75%)
- Yellow (0%)
- Black (53%)



- Cyan (88%)
- Magenta (88%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9742, 20.7550, -54.5711 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 15.9742, 20.7550, -54.5711 by changing the saturation by 10% instead.

■ 15.9742, 20.7550,
-54.5711

■ 15.9742, 20.7550,
-54.5711

■ 110.7235, 29.5720,
-57.1369

■ 9.5000, 19.2128,
-59.3721

■ 31.8952, 23.5390,
-52.6974

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.1264, 24.7249,
-52.9582

0.0000, NaN, -NF

■ 51.1082, 25.7848,
-53.4972

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.7880, 26.7306,
-54.1722

0.0000, NaN, NaN

■ 73.1227, 27.5734,
-54.9082

0.0000, NaN, NaN

■ 85.0765, 28.3227,

0.0000, NaN, NaN

-55.6625

97.6189, 28.9865,
-56.4104

15.9742, 20.7550,
-54.5711

15.9742, 20.7550,
-54.5711

13.8153, 25.1920,
-65.9470

18.6798, 16.4353,
-43.5974

12.3074, 29.0884,
-75.9847

21.7963, 12.5485,
-33.8245

11.5784, 31.3314,
-81.6880

25.2230, 9.1316,
-25.3228

28.8902, 6.1192,
-17.9085

32.7495, 3.4285,
-11.3566

■ 36.7672, 0.9861,
-5.4709

■ 40.9193, -1.2664,
-0.0961

■ 45.1877, -3.3734,
4.8859

■ 49.5589, -5.3685,
9.5642

Harmonies

Analogous

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



15.9744, 0.4737, -72.5188



15.9742, 20.7550, -54.5711



15.9744, 39.8860, -21.5797

Triad

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



15.9744, 20.7561, -54.5707



15.9744, 17.4886, 11.1820



15.9744, -22.8301, -0.4232

Complementary

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



15.9742, 20.7550, -54.5711



41.3987, -10.7835, 23.5618

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.



15.9744, -20.9799, 10.2433



15.9742, 20.7550, -54.5711



15.9744, -2.1381, 11.1820

Square

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



15.9744, 20.7561, -54.5707



15.9744, 37.5071, 11.1820



15.9744, -14.8870, 11.1820



15.9744, -20.3350, -26.4526

Rectangle

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



15.9742, 20.7550, -54.5711



15.9744, 46.4947, -3.9275



15.9744, -14.8870, 11.1820



15.9744, -22.6957, 4.5258

Sweetspot

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



15.9744, 20.7561, -54.5707



45.0076, 3.8328, -13.3702



38.4728, -18.7875, -3.5184



21.3618, 2.2159, -7.3555



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.



15.9744, 20.7561, -54.5707



16.9206, 37.6418, -98.4257



19.3291, 27.6469, -41.1400



18.9517, -0.1615, -1.1211



11.9332, 32.2939, -84.2100



26.2947, 71.2549, -186.2970

Inverse Universe

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



24.8159, 38.1522, -24.9854



31.1651, 57.9051, -37.9160



38.4229, -22.2057, 21.3920



19.3836, 1.3017, -0.5168



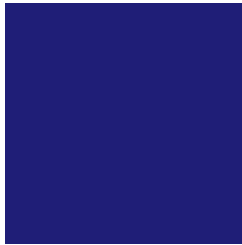
23.5535, 46.1986, -30.2249



51.9860, 101.9536, -66.6081

Previews

White Background



This preview shows how the HunterLab color 15.9742, 20.7550, -54.5711 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 15.9742, 20.7550, -54.5711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

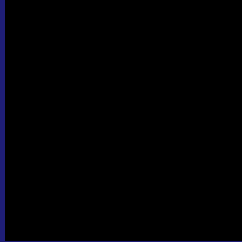
Any Text WCAG AA × Fail

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 15.9742, 20.7550, -54.5711 Background



This preview shows how black text looks on a background with the HunterLab color 15.9742, 20.7550, -54.5711.



This preview shows how white text looks on a background with the HunterLab color 15.9742, 20.7550, -54.5711.

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

15.9742, 20.7550, -54.5711

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.8242, -1.1597, -17.2754



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

15.9742, 20.7550, -54.5711

Protanomaly

15.4821, 9.5709, -37.4419

Deuteranomaly

15.4242, 6.2515, -30.1941

Tritanomaly

15.2798, 0.6133, -17.8181

Monochromacy



Original Color

15.9742, 20.7550, -54.5711

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.4386, 5.2435, -14.1308

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9742, 20.7550, -54.5711 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(31, 30, 119)` looks like.

```
.text, #text, p{  
    color:rgb(31, 30, 119)  
}
```

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(31, 30, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 30, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9742, 20.7550, -54.5711 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(31, 30, 119) }
```


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

```
.border{ border-color:rgb(31, 30, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 30, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 30, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 30, 119);  
box-shadow:4px 4px 4px 4px rgb(31, 30,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9742, 20.7550, -54.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 30, 119) }
```

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

```
.background{ background-color: rgb(31, 30,  
119) }
```

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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