

Converting Colors

HunterLab(49.9588, 12.3742,
-81.2774)

Have a look what the booklet for
HunterLab(49.9588, 12.3742,
-81.2774) contains.

HunterLab(49.9740, 12.3444, -81.2344)	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(49.9740, 12.3444,
-81.2344)**

Conversions

Conversions Part 1

Format	Color
Hex	3386FF
RGB	51, 134, 255
RGB Percent	20%, 53%, 100%
CMY	0.7999, 0.4745, 0.0000
CMYK	0.80, 0.47, 0.00, 0.00
HSL	216°, 100%, 60%
HSV	216°, 80%, 100%
XYZ	27.9403, 24.9740, 97.9556
YIQ	122.9770, -88.3090, 20.0350

Conversions

Conversions Part 2

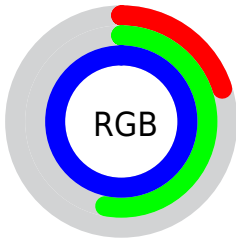
Format	Color
R _Y B	51, 110, 255
Decimal	3376895
CIE _{Lab}	57.05, 17.59, -67.12
CIE _{LCh}	57, 69.388, 284.682
Y _{xy}	24.9747, 0.1852, 0.1655
Android (android.graphics.Color)	4281566975 (0xFF3386FF)
Y _{UV}	122.9770, 65.0873, -63.1238
Hunter-Lab	49.9740, 12.3444, -81.2344

Details

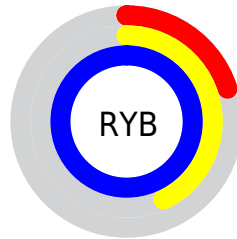
The HunterLab color **49.9740, 12.3444, -81.2344** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **71.4220, 16.4526, 41.6962**, and the grayscale version is **44.2774, -2.3625, 2.4057**.

A 20% lighter version of the original color is **68.8112, -4.4073, -39.1931**, and **32.4472, 16.5299, -76.2396** is the 20% darker color. If you saturate the color by 10%, you get **45.3840, 19.0852, -95.2967**, and if you desaturate by 10%, it is **55.0572, 6.8760, -67.8349**.

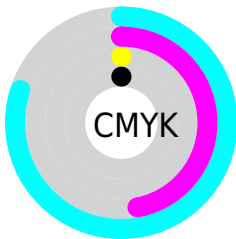
Distribution



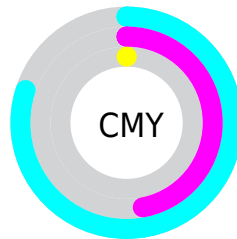
- Red (20%)
- Green (53%)
- Blue (100%)



- Red (20%)
- Yellow (43%)
- Blue (100%)



- Cyan (80%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9740, 12.3444, -81.2344 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 49.9740, 12.3444, -81.2344 by changing the saturation by 10% instead.

■ 49.9740, 12.3444,
-81.2344

■ 49.9740, 12.3444,
-81.2344

166.6469, 12.8593,
-87.8540

■ 40.0727, 11.9306,
-81.4175

■ 71.8444, 12.9098,
-82.0571

■ 30.9279, 11.4097,
-82.4203

■ 83.7316, 13.0781,
-82.7642

■ 22.6091, 10.7647,
-84.9683

■ 96.2106, 13.1799,
-83.5633

■ 15.2084, 9.9717,
-90.7809

■ 109.2545, 13.2209,
-84.4114

■ 8.8349, 9.1078,
-105.2859

122.8397, 13.2057,
-85.2804

0.0000, INF, -NF

0.0000, NaN, -NF

136.9456, 13.1382,

-86.1517

0.0000, NaN, -NF

151.5535, 13.0218,
-87.0125

0.0000, NaN, -NF

■ 49.9740, 12.3444,
-81.2344

■ 49.9740, 12.3444,
-81.2344

■ 45.3840, 19.0852,
-95.2967

■ 55.0572, 6.8760,
-67.8349

■ 41.3160, 26.9583,
-109.8350

■ 60.5702, 2.6059,
-55.2394

■ 41.3132, 26.9643,
-109.8459

■ 66.4564, -0.5974,
-43.4660

■ 72.6658, -2.8813,
-32.4671

■ 79.1569, -4.3846,
-22.1636

■ 85.8952, -5.2293,
-12.4672

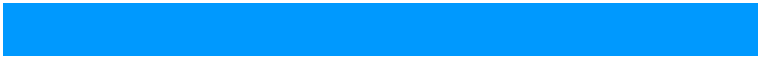
■ 92.8524, -5.5178,
-3.2922

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



49.9747, -16.6319, -80.8726



49.9740, 12.3444, -81.2344



49.9747, 43.1684, -51.9829

Triad

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



49.9747, 12.3456, -81.2325



49.9747, 43.7566, 27.5650



49.9747, -46.0545, 14.8560

Complementary

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



49.9740, 12.3444, -81.2344



71.4220, 16.4526, 41.6962

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.



49.9747, -36.2917, 27.7211



49.9740, 12.3444, -81.2344



49.9747, 13.0177, 31.6615

Square

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



49.9747, 12.3456, -81.2325



49.9747, 63.9336, 14.4354



49.9747, -16.0971, 31.6950



49.9747, -46.1544, -12.7689

Rectangle

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



49.9740, 12.3444, -81.2344



49.9747, 58.7630, -25.8767



49.9747, -16.0971, 31.6950



49.9747, -43.9149, 20.5726

Sweetspot

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



49.9747, 12.3456, -81.2325



83.1672, -4.9629, -16.2856



86.6758, -60.2811, 26.3369



37.3691, -2.1496, -9.1397

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.9747, 12.3456, -81.2325



42.8858, 23.7224, -103.9548



32.8920, 59.7661, -149.2225



43.1173, -2.5535, -1.3214



30.3206, 18.4193, -77.6602



10.5034, 3.4784, -20.6372

Inverse Universe

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



50.3493, 77.5495, 5.8231



47.5422, 82.5787, 12.4194



94.8349, -31.1597, 55.9319



42.5553, 2.3538, 1.5346



34.1409, 60.0702, 9.6363



10.7513, 19.1029, 1.5912

Previews

White Background



This preview shows how the HunterLab color 49.9740, 12.3444, -81.2344 looks on a white background.

Color Contrast Check

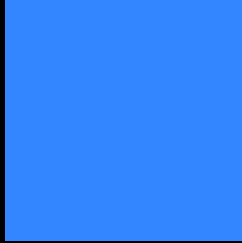
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.9740, 12.3444, -81.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

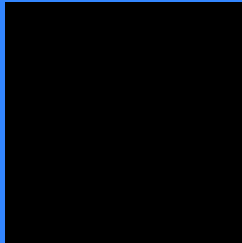
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

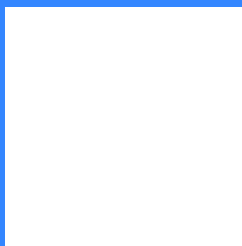
Any Text WCAG AAA × Fail

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

HunterLab 49.9740, 12.3444, -81.2344 Background



This preview shows how black text looks on a background with the HunterLab color 49.9740, 12.3444, -81.2344.



This preview shows how white text looks on a background with the HunterLab color 49.9740, 12.3444, -81.2344.

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

49.9740, 12.3444, -81.2344

Protanopia

50.0108, 15.0197, -79.0913

Deuteranopia

49.9969, 3.7666, -70.6227



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.9740, 12.3444, -81.2344

Protanomaly

50.0546, 13.8847, -79.9799

Deuteranomaly

49.8067, 6.5829, -74.9101

Tritanomaly

49.3708, -12.7955, -32.5190

Monochromacy



Original Color

49.9740, 12.3444, -81.2344

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.4537, -1.5138, -22.2743

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9740, 12.3444, -81.2344 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(51, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 134, 255)  
}
```

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(51, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 134, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9740, 12.3444, -81.2344 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(51, 134, 255) }
```


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

```
.border{ border-color:rgb(51, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 134,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9740, 12.3444, -81.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 134, 255) }
```

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

```
.background{ background-color: rgb(51, 134,  
255) }
```

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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