

Converting Colors

HunterLab(42.5112, 14.9737,
-78.9832)

Have a look what the booklet for
HunterLab(42.5112, 14.9737,
-78.9832) contains.

HunterLab(42.5112, 14.9737, -78.9832)	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(42.5112, 14.9737,
-78.9832)**

Conversions

Conversions Part 1

Format	Color
Hex	2A71E7
RGB	42, 113, 231
RGB Percent	16%, 44%, 91%
CMY	0.8352, 0.5569, 0.0941
CMYK	0.82, 0.51, 0.00, 0.09
HSL	217°, 80%, 54%
HSV	217°, 82%, 91%
XYZ	21.2838, 18.0720, 77.9678
YIQ	105.2230, -80.1940, 21.6460

Conversions

Conversions Part 2

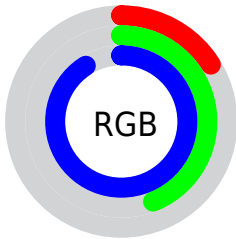
Format	Color
R _Y B	42, 94, 231
Decimal	2781671
CIE Lab	49.58, 20.94, -65.85
CIE LCh	50, 69.104, 287.641
Yxy	18.0725, 0.1814, 0.1540
Android (android.graphics.Color)	4280971751 (0xFF2A71E7)
YUV	105.2230, 62.0081, -55.4466
Hunter-Lab	42.5112, 14.9737, -78.9832

Details

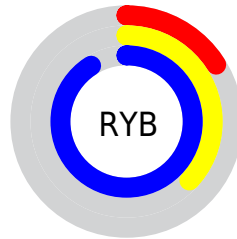
The HunterLab color **42.5112, 14.9737, -78.9832** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **65.0418, 12.2746, 38.2950**, and the grayscale version is **37.4659, -1.9991, 2.0356**.

A 20% lighter version of the original color is **61.3945, 5.7550, -53.4330**, and **26.3674, 18.7663, -73.4680** is the 20% darker color. If you saturate the color by 10%, you get **38.4068, 21.6164, -92.6646**, and if you desaturate by 10%, it is **47.1019, 9.4933, -65.9744**.

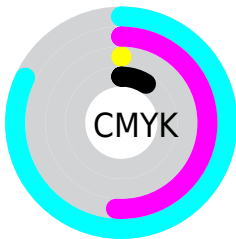
Distribution



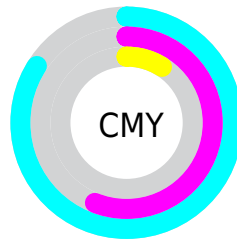
- Red (16%)
- Green (44%)
- Blue (91%)



- Red (16%)
- Yellow (37%)
- Blue (91%)



- Cyan (82%)
- Magenta (51%)
- Yellow (0%)
- Black (9%)



- Cyan (84%)
- Magenta (56%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.5112, 14.9737, -78.9832 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 42.5112, 14.9737, -78.9832 by changing the saturation by 10% instead.

■ 42.5112, 14.9737,
-78.9832

■ 42.5112, 14.9737,
-78.9832

■ 155.3317, 17.1708,
-85.0124

■ 33.1693, 14.3123,
-79.6190

■ 63.3726, 15.9850,
-79.4077

■ 24.6338, 13.5225,
-81.4859

■ 74.7981, 16.3561,
-80.0279

■ 16.9900, 12.5848,
-85.8706

■ 86.8380, 16.6501,
-80.7755

■ 10.3577, 11.4796,
-96.3455

■ 99.4625, 16.8739,
-81.5937

0.0000, INF, -NF

0.0000, NaN, -NF

■ 112.6456, 17.0334,
-82.4466

0.0000, NaN, -NF

126.3646, 17.1333,

0.0000, NaN, -NF

-83.3104

0.0000, NaN, NaN

140.5993, 17.1780,
-84.1693

■ 42.5112, 14.9737,
-78.9832

■ 42.5112, 14.9737,
-78.9832

■ 38.4068, 21.6164,
-92.6646

■ 47.1019, 9.4933,
-65.9744

■ 35.4229, 27.7717,
-104.2267

■ 52.1110, 5.1253,
-53.8166

■ 57.4785, 1.7502,
-42.5358

■ 63.1530, -0.7728,
-32.0763

■ 69.0923, -2.5777,
-22.3468

■ 75.2622, -3.7814,
-13.2475

■ 81.6352, -4.4818,
-4.6833

■ 88.1886, -4.7594,
3.4303

■ 94.9041, -4.6797,
11.1664

Harmonies

Analogous

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



42.5118, -13.0099, -82.0144



42.5112, 14.9737, -78.9832



42.5118, 44.2988, -47.4630

Triad

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



42.5118, 14.9752, -78.9821



42.5118, 39.5596, 25.2315



42.5118, -42.5824, 11.7364

Complementary

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



42.5112, 14.9737, -78.9832



65.0418, 12.2746, 38.2950

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.



42.5118, -34.7202, 24.1722



42.5112, 14.9737, -78.9832



42.5118, 9.6534, 27.9615

Square

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



42.5118, 14.9752, -78.9821



42.5118, 60.7893, 14.9124



42.5118, -17.1415, 27.7595



42.5118, -41.8459, -15.9322

Rectangle

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



42.5112, 14.9737, -78.9832



42.5118, 58.5377, -21.6215



42.5118, -17.1415, 27.7595



42.5118, -40.9617, 17.3498

Sweetspot

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



42.5118, 14.9752, -78.9821



81.8712, -3.8498, -18.1324



77.5453, -53.4089, 21.9226



36.7495, -1.5608, -10.0528

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



42.5118, 14.9752, -78.9821



40.2114, 29.8288, -114.1948



29.1873, 55.1586, -134.6241



38.4314, -2.1177, -1.2625



26.9335, 19.7771, -76.3576



8.4264, 2.9007, -16.7940

Inverse Universe

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



44.5404, 69.3913, 7.8640



47.1920, 82.1222, 15.6983



84.1831, -30.1155, 49.8020



38.0225, 2.0006, 1.5215



31.5119, 55.2528, 10.3803



8.6681, 15.3929, 1.3488

Previews

White Background



This preview shows how the HunterLab color 42.5112, 14.9737, -78.9832 looks on a white background.

Color Contrast Check

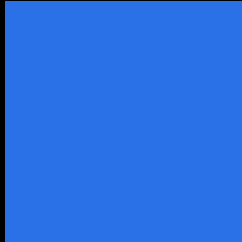
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.5112, 14.9737, -78.9832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

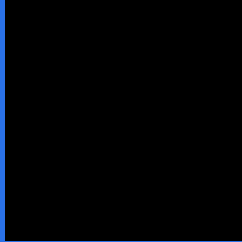
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

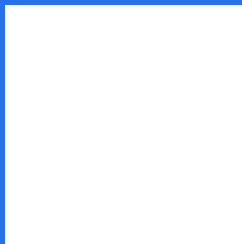
Any Text WCAG AAA × Fail

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

HunterLab 42.5112, 14.9737, -78.9832 Background



This preview shows how black text looks on a background with the HunterLab color 42.5112, 14.9737, -78.9832.



This preview shows how white text looks on a background with the HunterLab color 42.5112, 14.9737, -78.9832.

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

42.5112, 14.9737, -78.9832

Protanopia

42.5112, 14.9737, -78.9832

Deuteranopia

42.4111, 1.9668, -57.2560



Tritanopia

42.2248, -20.4474, -8.6372

Trichromacy



Original Color

42.5112, 14.9737, -78.9832

Protanomaly

42.5112, 14.9737, -78.9832

Deuteranomaly

42.1687, 6.4326, -65.2463

Tritanomaly

41.8275, -9.8210, -29.7222

Monochromacy



Original Color

42.5112, 14.9737, -78.9832

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.4101, -0.1668, -21.5288

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.5112, 14.9737, -78.9832 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(42, 113, 231)` looks like.

```
.text, #text, p{  
    color:rgb(42, 113, 231)  
}
```

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(42, 113, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 113, 231) }
```

Border

The CSS property to change the border of an element to HunterLab 42.5112, 14.9737, -78.9832 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(42, 113, 231) }
```


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

```
.border{ border-color:rgb(42, 113, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 113, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 113, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 113, 231);  
box-shadow:4px 4px 4px 4px rgb(42, 113,  
231) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.5112, 14.9737, -78.9832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 113, 231) }
```

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

```
.background{ background-color: rgb(42, 113,  
231) }
```

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