

Converting Colors

HunterLab(24.3151, 61.6490,
-139.3916)

Have a look what the booklet for
HunterLab(24.3151, 61.6490,
-139.3916) contains.

HunterLab(24.3142, 61.6061, -139.0720)	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(24.3142, 61.6061,
-139.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	3F00D6
RGB	63, 0, 214
RGB Percent	25%, 0%, 84%
CMY	0.7529, 1.0000, 0.1608
CMYK	0.71, 1.00, 0.00, 0.16
HSL	258°, 100%, 42%
HSV	258°, 100%, 84%
XYZ	14.1875, 5.9118, 64.0116
YIQ	43.2330, -31.1460, 79.9100

Conversions

Conversions Part 2

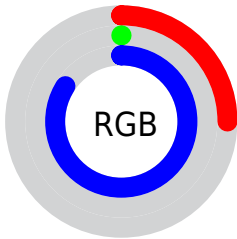
Format	Color
RYB	63, 0, 214
Decimal	4128982
CIELab	29.19, 70.45, -89.63
CIELCh	29, 114.006, 308.168
Yxy	5.9121, 0.1687, 0.0703
Android (android.graphics.Color)	4282319062 (0xFF3F00D6)
YUV	43.2330, 84.1881, 17.3357
Hunter-Lab	24.3142, 61.6061, -139.0720

Details

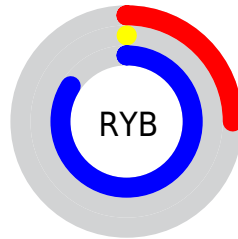
The HunterLab color **24.3142, 61.6061, -139.0720** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **73.9403, -40.5385, 44.8520**, and the grayscale version is **15.3607, -0.8196, 0.8346**.

A 20% lighter version of the original color is **40.6750, 60.5143, -111.7819**, and **15.6023, 42.3213, -110.8610** is the 20% darker color. If you saturate the color by 10%, you get **24.3149, 61.6068, -139.0677**, and if you desaturate by 10%, it is **26.5151, 58.3758, -124.8959**.

Distribution



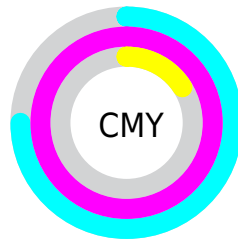
- Red (25%)
- Green (0%)
- Blue (84%)



- Red (25%)
- Yellow (0%)
- Blue (84%)



- Cyan (71%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (75%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.3142, 61.6061, -139.0720 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 24.3142, 61.6061, -139.0720 by changing the saturation by 10% instead.

■ 24.3142, 61.6061,
-139.0720

■ 24.3142, 61.6061,
-139.0720

■ 125.8139, 80.4411,
-127.5003

■ 16.7085, 59.7965,
-152.2947

■ 42.1290, 66.1200,
-128.4525

■ 10.1192, 59.2558,
-180.7891

■ 52.1856, 68.4140,
-126.4862

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.9352, 70.6446,
-125.5768

0.0000, NaN, -NF

■ 74.3358, 72.7906,
-125.3344

0.0000, NaN, -NF

■ 86.3521, 74.8437,
-125.5274

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 98.9540, 76.8021,

-126.0106

112.1156, 78.6670,
-126.6896

24.3142, 61.6061,
-139.0720

24.3142, 61.6061,
-139.0720

24.3149, 61.6068,
-139.0677

26.5151, 58.3758,
-124.8959

29.8435, 52.6218,
-107.0803

34.2810, 45.2101,
-88.1148

39.6080, 37.3146,
-70.1724

45.6256, 29.5439,
-54.0402

■ 52.1817, 22.1150,
-39.7436

■ 59.1661, 15.0570,
-27.0303

■ 66.5000, 8.3286,
-15.5981

■ 74.1263, 1.8702,
-5.1763

Harmonies

Analogous

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



24.3149, 9.8727, -213.3672



24.3142, 61.6061, -139.0720



24.3149, 109.0900, -40.7735

Triad

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



24.3149, 61.6068, -139.0677



24.3149, 31.9268, 17.0204



24.3149, -40.2270, -10.6432

Complementary

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



24.3142, 61.6061, -139.0720



73.9403, -40.5385, 44.8520

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.



24.3149, -38.9690, 15.6684



24.3142, 61.6061, -139.0720



24.3149, -10.7583, 17.0204

Square

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



24.3149, 61.6068, -139.0677



24.3149, 85.8738, 17.0204



24.3149, -31.8229, 17.0204



24.3149, -36.0610, -91.3682

Rectangle

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



24.3142, 61.6061, -139.0720



24.3149, 121.7101, -0.9834



24.3149, -31.8229, 17.0204



24.3149, -40.4238, 3.4245

Sweetspot

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



24.3149, 61.6068, -139.0677



71.8895, 18.6133, -33.4027



52.6857, -12.2800, -39.3436



31.5577, 10.2850, -18.4195

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



24.3149, 61.6068, -139.0677



29.5282, 75.0184, -170.4554



36.2488, 75.4704, -80.3996



34.9057, 0.7038, -2.1529



19.0274, 48.0074, -107.2559



5.1067, 12.2112, -23.5674

Inverse Universe

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



40.6574, 75.1217, -16.3219



49.5499, 91.4993, -19.4815



69.7730, -57.6593, 41.9844



35.4506, 2.3610, 0.0059



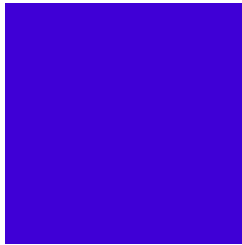
31.6393, 58.5111, -13.1043



7.8610, 14.6930, -4.4618

Previews

White Background



This preview shows how the HunterLab color 24.3142, 61.6061, -139.0720 looks on a white background.

Color Contrast Check

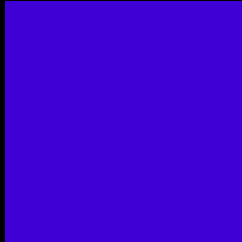
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3142, 61.6061, -139.0720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

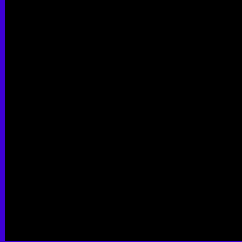
Any Text WCAG AA × Fail

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 24.3142, 61.6061, -139.0720 Background



This preview shows how black text looks on a background with the HunterLab color 24.3142, 61.6061, -139.0720.



This preview shows how white text looks on a background with the HunterLab color 24.3142, 61.6061, -139.0720.

-139.0720.

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

24.3142, 61.6061, -139.0720

Protanopia

24.7334, 7.4160, -46.9237

Deuteranopia

24.7902, -1.3776, -28.0117



Tritanopia

24.6441, -12.0852, -4.7145

Trichromacy



Original Color

24.3142, 61.6061, -139.0720

Protanomaly

21.8506, 30.2077, -87.8585

Deuteranomaly

21.2196, 23.8256, -73.1540

Tritanomaly

20.2535, 13.8286, -50.1368

Monochromacy



Original Color

24.3142, 61.6061, -139.0720

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.7540, 20.6655, -40.2281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.3142, 61.6061, -139.0720 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(63, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(63, 0, 214)  
}
```

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(63, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 0, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 24.3142, 61.6061, -139.0720 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(63, 0, 214) }
```


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

```
.border{ border-color:rgb(63, 0, 214) }
```

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

Here you see how a box with a 4 pixel rgb(63, 0, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(63, 0, 214)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.3142, 61.6061, -139.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 0, 214) }
```

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

```
.background{ background-color: rgb(63, 0,  
214) }
```

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