

Converting Colors

HunterLab(24.7304, 56.7976,
-153.5205)

Have a look what the booklet for
HunterLab(24.7304, 56.7976,
-153.5205) contains.

HunterLab(24.6517, 56.7992, -153.4258)	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(24.6517, 56.7992,
-153.4258)**

Conversions

Conversions Part 1

Format	Color
Hex	0019E0
RGB	0, 25, 224
RGB Percent	0%, 10%, 88%
CMY	0.9998, 0.9020, 0.1216
CMYK	1.00, 0.89, 0.00, 0.12
HSL	233°, 100%, 44%
HSV	233°, 100%, 88%
XYZ	13.8021, 6.0771, 70.9665
YIQ	40.2110, -78.7790, 56.5890

Conversions

Conversions Part 2

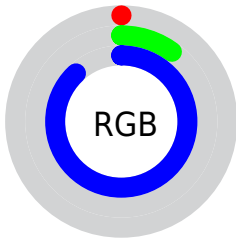
Format	Color
RYB	0, 22, 224
Decimal	6624
CIELab	29.61, 66.23, -94.77
CIELCh	30, 115.625, 304.948
Yxy	6.0771, 0.1519, 0.0669
Android (android.graphics.Color)	4278196704 (0xFF0019E0)
YUV	40.2110, 90.6080, -35.2650
Hunter-Lab	24.6517, 56.7992, -153.4258

Details

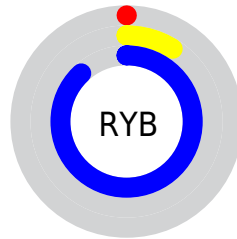
The HunterLab color **24.6517, 56.7992, -153.4258** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **75.3156, -10.5059, 46.2239**, and the grayscale version is **14.3732, -0.7669, 0.7809**.

A 20% lighter version of the original color is **40.0603, 51.6707, -114.4316**, and **16.7034, 45.3078, -118.6844** is the 20% darker color. If you saturate the color by 10%, you get **24.6467, 56.8198, -153.4639**, and if you desaturate by 10%, it is **27.2516, 48.7923, -135.7828**.

Distribution



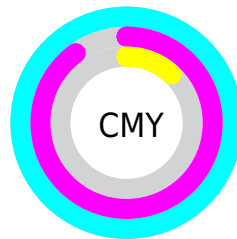
- Red (0%)
- Green (10%)
- Blue (88%)



- Red (0%)
- Yellow (9%)
- Blue (88%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (12%)



- Cyan (100%)
- Magenta (90%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.6517, 56.7992, -153.4258 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 24.6517, 56.7992, -153.4258 by changing the saturation by 10% instead.

■ 24.6517, 56.7992,
-153.4258

■ 24.6517, 56.7992,
-153.4258

■ 126.3955, 74.7207,
-138.0047

■ 17.0059, 54.8863,
-168.8100

■ 42.5333, 61.2371,
-140.6815

■ 10.3711, 53.9364,
-201.3524

■ 52.6196, 63.4348,
-138.1504

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.3971, 65.5535,
-136.8482

0.0000, NaN, -NF

■ 74.8240, 67.5790,
-136.3285

0.0000, NaN, -NF

■ 86.8653, 69.5070,
-136.3249

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 99.4910, 71.3380,

-136.6704

112.6753, 73.0747,
-137.2551

24.6517, 56.7992,
-153.4258

24.6517, 56.7992,
-153.4258

24.6467, 56.8198,
-153.4639

27.2516, 48.7923,
-135.7828

31.1359, 39.5865,
-114.4101

36.1045, 30.8144,
-93.0213

41.9083, 23.1338,
-73.5416

48.3490, 16.6094,
-56.3963

■ 55.2843, 11.0830,
-41.3709

■ 62.6142, 6.3556,
-28.0833

■ 70.2681, 2.2515,
-16.1653

■ 78.1950, -1.3694,
-5.3120

Harmonies

Analogous

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



24.6517, 5.3778, -221.1037



24.6517, 56.7992, -153.4258



24.6517, 107.4948, -50.7362

Triad

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



24.6517, 56.8034, -153.4265



24.6517, 38.3622, 17.2562



24.6517, -40.9453, -5.5145

Complementary

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



24.6517, 56.7992, -153.4258



75.3156, -10.5059, 46.2239

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.



24.6517, -39.0988, 16.9055



24.6517, 56.7992, -153.4258



24.6517, -7.3651, 17.2562

Square

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



24.6517, 56.8034, -153.4265



24.6517, 93.0267, 17.2562



24.6517, -30.9481, 17.2562



24.6517, -37.3359, -82.2612

Rectangle

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



24.6517, 56.7992, -153.4258



24.6517, 123.6816, -5.6748



24.6517, -30.9481, 17.2562



24.6517, -40.9421, 6.7577

Sweetspot

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



24.6517, 56.8034, -153.4265



72.3135, 7.4844, -32.8788



75.7517, -45.7684, 4.1205



31.7663, 4.4961, -18.1425

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



24.6517, 56.8034, -153.4265



28.4064, 66.3794, -178.7996



27.1234, 66.2796, -136.2811



36.7256, -0.7240, -2.2244



19.0226, 42.4781, -115.4747



5.7814, 8.4506, -25.4686

Inverse Universe

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



39.8982, 68.4949, 24.4183



46.2014, 79.3069, 28.4159



76.6342, -47.5484, 46.3880



37.0476, 1.5075, 2.6421



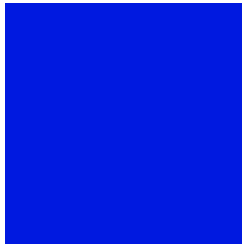
30.4522, 52.3114, 18.4286



8.0697, 13.9661, 4.0788

Previews

White Background



This preview shows how the HunterLab color 24.6517, 56.7992, -153.4258 looks on a white background.

Color Contrast Check

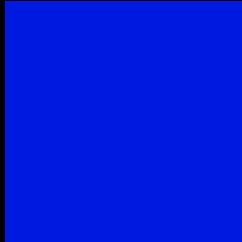
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6517, 56.7992, -153.4258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

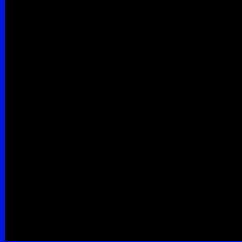
Any Text WCAG AA × Fail

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 24.6517, 56.7992, -153.4258 Background



This preview shows how black text looks on a background with the HunterLab color 24.6517, 56.7992, -153.4258.



This preview shows how white text looks on a background with the HunterLab color 24.6517, 56.7992, -153.4258.

-153.4258.

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

24.6517, 56.7992, -153.4258

Protanopia

24.6723, 7.1026, -46.1708

Deuteranopia

24.4761, -1.2091, -27.9828



Tritanopia

24.5822, -12.4516, -3.8462

Trichromacy



Original Color

24.6517, 56.7992, -153.4258

Protanomaly

23.3121, 25.6233, -84.4515

Deuteranomaly

22.8057, 19.0879, -69.7104

Tritanomaly

21.9577, 8.7045, -46.2356

Monochromacy



Original Color

24.6517, 56.7992, -153.4258

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.7171, 14.0139, -42.5426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.6517, 56.7992, -153.4258 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(0, 25, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 25, 224)  
}
```

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(0, 25, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 25, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 24.6517, 56.7992, -153.4258 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(0, 25, 224) }
```


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

```
.border{ border-color:rgb(0, 25, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 25, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 25, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 25, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 25, 224)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.6517, 56.7992, -153.4258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 25, 224) }
```

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

```
.background{ background-color: rgb(0, 25,  
224) }
```

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