

Converting Colors

HunterLab(24.1536, 31.7817,
-98.7975)

Have a look what the booklet for
HunterLab(24.1536, 31.7817,
-98.7975) contains.

HunterLab(24.1379, 31.7349, -98.6769)	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(24.1379, 31.7349,
-98.6769)**

Conversions

Conversions Part 1

Format	Color
Hex	0032BA
RGB	0, 50, 186
RGB Percent	0%, 20%, 73%
CMY	0.9999, 0.8039, 0.2706
CMYK	1.00, 0.73, 0.00, 0.27
HSL	224°, 100%, 36%
HSV	224°, 100%, 73%
XYZ	10.0035, 5.8264, 47.0518
YIQ	50.5540, -73.4560, 31.6960

Conversions

Conversions Part 2

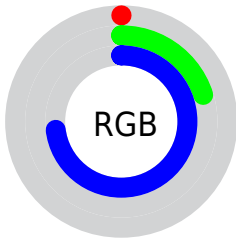
Format	Color
R _Y B	0, 39, 186
Decimal	12986
CIE Lab	28.97, 42.24, -73.67
CIE LCh	29, 84.919, 299.826
Yxy	5.8265, 0.1591, 0.0927
Android (android.graphics.Color)	4278203066 (0xFF0032BA)
YUV	50.5540, 66.7749, -44.3359
Hunter-Lab	24.1379, 31.7349, -98.6769

Details

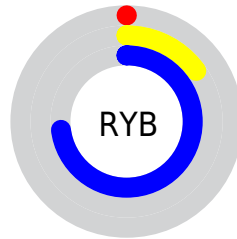
The HunterLab color **24.1379, 31.7349, -98.6769** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **52.9704, 5.2273, 32.7305**, and the grayscale version is **17.8494, -0.9524, 0.9698**.

A 20% lighter version of the original color is **41.9068, 34.7768, -93.5353**, and **13.6227, 31.2626, -84.5142** is the 20% darker color. If you saturate the color by 10%, you get **24.1328, 31.7507, -98.7045**, and if you desaturate by 10%, it is **27.0221, 24.9477, -84.8398**.

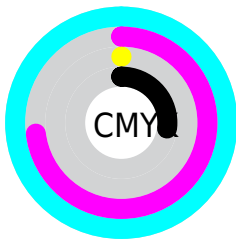
Distribution



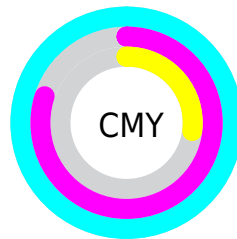
- Red (0%)
- Green (20%)
- Blue (73%)



- Red (0%)
- Yellow (15%)
- Blue (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (80%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.1379, 31.7349, -98.6769 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 24.1379, 31.7349, -98.6769 by changing the saturation by 10% instead.

■ 24.1379, 31.7349,
-98.6769

■ 24.1379, 31.7349,
-98.6769

■ 125.5077, 43.1218,
-97.0527

■ 16.5525, 29.9549,
-105.6220

■ 41.9166, 35.0346,
-93.9187

■ 9.9873, 28.2661,
-121.5005

■ 51.9574, 36.5036,
-93.4208

0.0000, INF, -NF

■ 62.6923, 37.8555,
-93.4948

0.0000, NaN, -NF

■ 74.0790, 39.0977,
-93.9153

0.0000, NaN, -NF

■ 86.0821, 40.2383,
-94.5500

0.0000, NaN, -NF

■ 98.6715, 41.2847,

0.0000, NaN, NaN

-95.3168

0.0000, NaN, NaN

111.8210, 42.2439,
-96.1627

■ 24.1379, 31.7349,
-98.6769

■ 24.1379, 31.7349,
-98.6769

■ 24.1328, 31.7507,
-98.7045

■ 27.0221, 24.9477,
-84.8398

■ 30.4618, 18.7826,
-71.3187

■ 34.3954, 13.5496,
-58.6460

■ 38.7321, 9.2394,
-47.0831

■ 43.3983, 5.7419,
-36.6231

■ 48.3370, 2.9236,
-27.1449

■ 53.5046, 0.6606,
-18.4968

■ 58.8680, -1.1513,
-10.5336

■ 64.4013, -2.5963,
-3.1294

Harmonies

Analogous

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



24.1380, -1.4525, -126.4348



24.1379, 31.7349, -98.6769



24.1380, 65.0884, -41.1875

Triad

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



24.1380, 31.7373, -98.6766



24.1380, 32.1581, 16.8966



24.1380, -34.9760, 1.4689

Complementary

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



24.1379, 31.7349, -98.6769



52.9704, 5.2273, 32.7305

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.



24.1380, -32.4216, 15.6489



24.1379, 31.7349, -98.6769



24.1380, -1.1255, 16.8966

Square

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



24.1380, 31.7373, -98.6766



24.1380, 65.3995, 15.5721



24.1380, -22.6497, 16.8966



24.1380, -32.4846, -40.5423

Rectangle

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



24.1379, 31.7349, -98.6769



24.1380, 77.8150, -9.5926



24.1380, -22.6497, 16.8966



24.1380, -34.7056, 8.7211

Sweetspot

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



24.1380, 31.7373, -98.6766



71.6678, 1.0308, -25.4795



60.6797, -42.0181, 14.8627



32.2347, 1.0579, -14.2243



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



24.1380, 31.7373, -98.6766



31.9624, 44.3648, -135.7211



20.0093, 51.9734, -124.4111



30.1688, -1.2481, -1.2408



20.0653, 25.2292, -79.5424



4.9767, 1.7640, -10.0283

Inverse Universe

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



32.6653, 56.6390, 15.6430



43.9365, 76.1134, 21.6403



64.1891, -30.6811, 39.0149



30.0845, 1.3512, 1.5886



26.8119, 46.5341, 12.5356



5.1390, 9.1221, 0.8297

Previews

White Background



This preview shows how the HunterLab color 24.1379, 31.7349, -98.6769 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 24.1379, 31.7349, -98.6769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

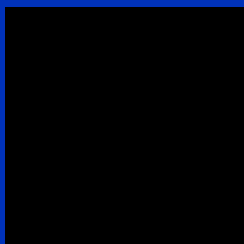
Any Text WCAG AA × Fail

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 24.1379, 31.7349, -98.6769 Background



This preview shows how black text looks on a background with the HunterLab color 24.1379, 31.7349, -98.6769.



This preview shows how white text looks on a background with the HunterLab color 24.1379, 31.7349, -98.6769.

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

24.1379, 31.7349, -98.6769

Protanopia

24.0011, 7.1461, -45.4255

Deuteranopia

24.1628, -1.0409, -27.9544



Tritanopia

23.9751, -11.9343, -4.2040

Trichromacy



Original Color

24.1379, 31.7349, -98.6769

Protanomaly

23.7319, 15.7578, -63.6793

Deuteranomaly

23.5333, 9.9048, -50.7962

Tritanomaly

23.1219, 0.7375, -30.4925

Monochromacy



Original Color

24.1379, 31.7349, -98.6769

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.9600, 5.2288, -25.9276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.1379, 31.7349, -98.6769 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, 50, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 186)  
}
```

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, 50, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 24.1379, 31.7349, -98.6769 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, 50, 186) }
```


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

```
.border{ border-color:rgb(0, 50, 186) }
```

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

Here you see how a box with a 4 pixel rgb(0, 50, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 186)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.1379, 31.7349, -98.6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 186) }
```

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

```
.background{ background-color: rgb(0, 50,  
186) }
```

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