

Converting Colors

HunterLab(23.9499, -12.9845,
14.5305)

Have a look what the booklet for
HunterLab(23.9499, -12.9845,
14.5305) contains.

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Color

**HunterLab(23.9499,
-12.9845, 14.5305)**

Conversions

Conversions Part 1

Format	Color
Hex	334B00
RGB	51, 75, 0
RGB Percent	20%, 29%, 0%
CMY	0.8000, 0.7059, 1.0000
CMYK	0.32, 0.00, 1.00, 0.71
HSL	79°, 100%, 15%
HSV	79°, 100%, 29%
XYZ	3.8813, 5.7360, 0.9026
YIQ	59.2740, 9.7710, -28.4130

Conversions

Conversions Part 2

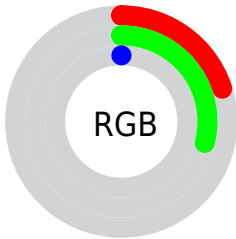
Format	Color
RYB	0, 75, 24
Decimal	3361536
CIELab	28.74, -20.65, 36.63
CIElCh	29, 42.054, 119.408
Yxy	5.7362, 0.3689, 0.5452
Android (android.graphics.Color)	4281551616 (0xFF334B00)
YUV	59.2740, -29.2221, -7.2563
Hunter-Lab	23.9499, -12.9845, 14.5305

Details

The HunterLab color **23.9499, -12.9845, 14.5305** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **8.3805, 20.4119, -41.5747**, and the grayscale version is **21.1026, -1.1260, 1.1465**.

A 20% lighter version of the original color is **41.7280, -16.7715, 21.1314**, and **10.1638, -8.7154, 6.1103** is the 20% darker color. If you saturate the color by 10%, you get **23.9504, -12.9854, 14.5308**, and if you desaturate by 10%, it is **24.1177, -12.2559, 14.1170**.

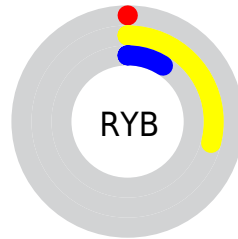
Distribution



Red (20%)

Green (29%)

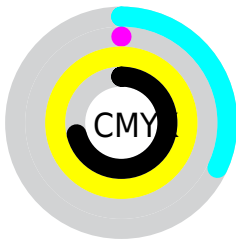
Blue (0%)



Red (0%)

Yellow (29%)

Blue (9%)

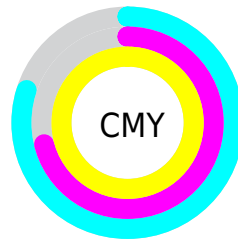


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (80%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9499, -12.9845, 14.5305 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 23.9499, -12.9845, 14.5305 by changing the saturation by 10% instead.

■ 23.9499, -12.9845,
14.5305

■ 23.9499, -12.9845,
14.5305

■ 125.1824,
-28.5444, 39.3347

■ 16.3871, -10.8646,
11.4710

■ 41.6910, -16.7963,
21.0242

■ 9.8477, -9.7066,
6.8934

■ 51.7150, -18.5760,
23.9616

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.4342, -20.3037,
26.7513

0.0000, NaN, NaN

■ 73.8061, -21.9938,
29.4240

0.0000, NaN, NaN

■ 85.7952, -23.6563,
32.0030

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.3713, -25.2987,

34.5058

0.0000, NaN, NaN

■ 111.5080,
-26.9266, 36.9461

■ 23.9499, -12.9845,
14.5305

■ 23.9499, -12.9845,
14.5305

■ 23.9504, -12.9854,
14.5308

■ 24.1177, -12.2559,
14.1170

■ 24.2939, -11.4915,
13.6654

■ 24.4906, -10.6246,
13.0051

■ 24.7096, -9.6464,
12.1093

■ 24.9519, -8.5545,
10.9673

■ 25.2180, -7.3486,
9.5727

■ 25.5083, -6.0292,
7.9221

■ 25.8231, -4.5984,
6.0149

■ 26.1625, -3.0590,
3.8529

Harmonies

Analogous

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



23.9504, -1.0039, 15.4681



23.9499, -12.9845, 14.5305



23.9504, -20.1365, 10.9332

Triad

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



23.9504, -12.9851, 14.5306



23.9504, -13.3628, -32.2811



23.9504, 31.5227, 1.0409

Complementary

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



23.9499, -12.9845, 14.5305



8.3805, 20.4119, -41.5747

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.



23.9504, 26.1703, -15.4681



23.9499, -12.9845, 14.5305



23.9504, -1.5533, -40.2764

Square

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



23.9504, -12.9851, 14.5306



23.9504, -20.3173, -14.7351



23.9504, 13.2224, -32.8474



23.9504, 26.5586, 10.6937

Rectangle

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



23.9499, -12.9845, 14.5305



23.9504, -22.2096, 5.5019



23.9504, 13.2224, -32.8474



23.9504, 30.8548, -3.8263

Sweetspot

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



23.9504, -12.9851, 14.5306



33.1682, -8.0481, 10.5699



14.6255, 13.7457, 9.2525



16.6151, -4.2207, 5.5364



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.9504, -12.9851, 14.5306



31.1213, -17.1533, 18.8765



22.6359, -18.3724, 13.6263



13.8348, -1.5041, 1.8744



32.8345, -18.1500, 19.9147



79.6172, -45.4394, 48.2642

Inverse Universe

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



8.3805, 20.4119, -41.5747



10.7363, 26.4074, -55.2414



12.2809, 25.1667, -24.1306



12.9570, 0.1045, -0.5021



11.2995, 27.8403, -58.5085



26.6816, 66.9997, -147.9241

Previews

White Background



This preview shows how the HunterLab color 23.9499, -12.9845, 14.5305 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



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 23.9499, -12.9845, 14.5305 Background



This preview shows how black text looks on a background with the HunterLab color 23.9499, -12.9845, 14.5305.



This preview shows how white text looks on a background with the HunterLab color 23.9499,

-12.9845, 14.5305.

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

23.9499, -12.9845, 14.5305

Protanopia

23.8998, -3.5277, 14.6652

Deuteranopia

23.7272, 1.0500, 13.6008



Tritanopia

24.0580, -3.4819, -1.6415

Trichromacy



Original Color

23.9499, -12.9845, 14.5305

Protanomaly

23.9487, -7.3478, 14.6285

Deuteranomaly

23.6018, -4.5161, 13.8150

Tritanomaly

23.7915, -8.4252, 7.5441

Monochromacy



Original Color

23.9499, -12.9845, 14.5305

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.8204, -6.5189, 8.3489

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9499, -12.9845, 14.5305 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, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 75, 0)  
}
```

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, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 75, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9499, -12.9845, 14.5305 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, 75, 0) }
```


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

```
.border{ border-color:rgb(51, 75, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 75, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 75, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 75, 0); box-shadow:4px  
4px 4px 4px rgb(51, 75, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.9499, -12.9845, 14.5305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 75, 0) }
```

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

```
.background{ background-color: rgb(51, 75,  
0) }
```

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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