

Converting Colors

HunterLab(23.9618, -12.3333,
11.3529)

Have a look what the booklet for
HunterLab(23.9618, -12.3333,
11.3529) contains.

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Color

**HunterLab(23.9989,
-12.3781, 11.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	304B1F
RGB	48, 75, 31
RGB Percent	19%, 29%, 12%
CMY	0.8118, 0.7059, 0.8784
CMYK	0.36, 0.00, 0.59, 0.71
HSL	97°, 42%, 21%
HSV	97°, 59%, 29%
XYZ	3.9823, 5.7595, 2.1981
YIQ	61.9110, -1.9680, -19.4080

Conversions

Conversions Part 2

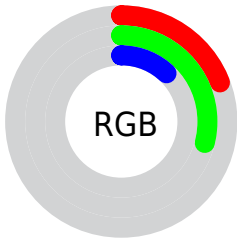
Format	Color
R_{YB}	31, 75, 58
Decimal	3164959
CIE _{Lab}	28.80, -19.43, 22.78
CIE _{LCh}	29, 29.941, 130.466
Yxy	5.7597, 0.3335, 0.4824
Android (android.graphics.Color)	4281355039 (0xFF304B1F)
YUV	61.9110, -15.2391, -12.1999
Hunter-Lab	23.9989, -12.3781, 11.3687

Details

The HunterLab color **23.9989, -12.3781, 11.3687** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15.4522, 13.4497, -15.7857**, and the grayscale version is **21.9693, -1.1722, 1.1936**.

A 20% lighter version of the original color is **41.7419, -16.0199, 15.7288**, and **9.8994, -8.4887, 5.9513** is the 20% darker color. If you saturate the color by 10%, you get **23.7034, -13.7012, 12.2720**, and if you desaturate by 10%, it is **24.3347, -10.8858, 10.2325**.

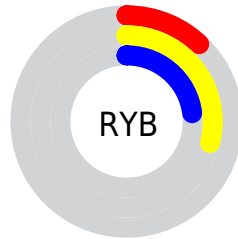
Distribution



Red (19%)

Green (29%)

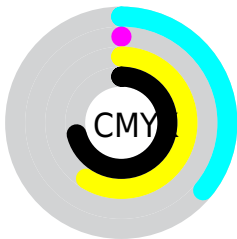
Blue (12%)



Red (12%)

Yellow (29%)

Blue (23%)

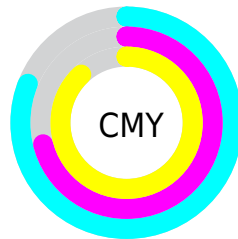


Cyan (36%)

Magenta (0%)

Yellow (59%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9989, -12.3781, 11.3687 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 23.9989, -12.3781, 11.3687 by changing the saturation by 10% instead.

■ 23.9989, -12.3781,
11.3687

■ 23.9989, -12.3781,
11.3687

125.2674,
-27.3083, 28.3425

■ 16.4302, -10.3684,
9.0713

■ 41.7499, -16.0089,
15.6258

■ 9.8841, -9.1453,
6.9189

■ 51.7783, -17.7110,
17.5866

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.5016, -19.3671,
19.4759

0.0000, NaN, NaN

■ 73.8774, -20.9904,
21.3120

0.0000, NaN, NaN

■ 85.8702, -22.5902,
23.1080

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.4497, -24.1732,

■ 111.5898,
-25.7446, 26.6167

■ 23.9989, -12.3781,
11.3687

■ 23.9989, -12.3781,
11.3687

■ 23.7034, -13.7012,
12.2720

■ 24.3347, -10.8858,
10.2325

■ 23.4460, -14.8510,
12.9476

■ 24.7095, -9.2279,
8.8618

■ 23.2258, -15.8304,
13.4114

■ 25.1237, -7.4122,
7.2592

■ 23.0315, -16.7039,
13.8255

■ 25.5772, -5.4473,
5.4305

■ 23.0071, -16.8146,
13.8825

■ 26.0692, -3.3432,
3.3836

■ 26.5990, -1.1105,
1.1288

■ 27.1656, 1.2401,
-1.3228

■ 27.7682, 3.6976,
-3.9590

■ 28.4054, 6.2513,
-6.7671

Harmonies

Analogous

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



23.9994, -4.6263, 13.1285



23.9989, -12.3781, 11.3687



23.9994, -16.6508, 6.5838

Triad

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



23.9994, -12.3786, 11.3689



23.9994, -7.2924, -22.6333



23.9994, 20.3280, 4.3541

Complementary

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



23.9989, -12.3781, 11.3687



15.4522, 13.4497, -15.7857

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.



23.9994, 19.3042, -5.5329



23.9989, -12.3781, 11.3687



23.9994, 2.2564, -24.0238

Square

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



23.9994, -12.3786, 11.3689



23.9994, -14.0587, -13.5754



23.9994, 12.2889, -16.8416



23.9994, 14.8949, 10.3046

Rectangle

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



23.9989, -12.3781, 11.3687



23.9994, -17.4369, 1.1595



23.9994, 12.2889, -16.8416



23.9994, 20.7466, 1.4523

Sweetspot

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



23.9994, -12.3786, 11.3689



33.3015, -7.0920, 7.0701



21.3565, 1.3426, 9.5842



16.6728, -3.7712, 3.7495



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.



23.9994, -12.3786, 11.3689



30.7246, -18.4523, 16.3574



23.3398, -14.9132, 10.0017



13.7606, -1.7670, 1.7883



31.5310, -23.4571, 19.0186



76.4349, -58.4576, 46.0754

Inverse Universe

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



15.4522, 13.4497, -15.7857



17.5256, 21.9904, -26.9931



17.1050, 17.1974, -9.5905



13.0353, 0.3710, -0.3983



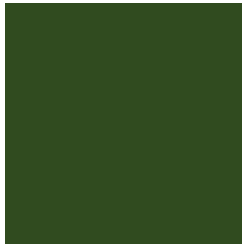
14.1518, 31.0139, -43.4011



33.6652, 74.5394, -109.1492

Previews

White Background



This preview shows how the HunterLab color 23.9989, -12.3781, 11.3687 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

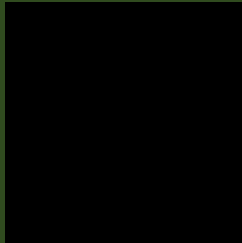
Any Text WCAG AA × Fail

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 23.9989, -12.3781, 11.3687 Background



This preview shows how black text looks on a background with the HunterLab color 23.9989, -12.3781, 11.3687.



This preview shows how white text looks on a background with the HunterLab color 23.9989,

-12.3781, 11.3687.

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

23.9989, -12.3781, 11.3687

Protanopia

23.9140, -3.1061, 11.7994

Deuteranopia

23.9480, 0.9218, 11.0260



Tritanopia

23.9047, -3.9732, -2.2984

Trichromacy



Original Color

23.9989, -12.3781, 11.3687

Protanomaly

23.9249, -7.0448, 11.5752

Deuteranomaly

23.8079, -4.7128, 11.0046

Tritanomaly

23.8559, -7.7091, 3.9402

Monochromacy



Original Color

23.9989, -12.3781, 11.3687

Achromatopsia

21.9481, -1.1711, 1.1925

Achromatomaly

22.6344, -5.7624, 5.6423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9989, -12.3781, 11.3687 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(48, 75, 31)` looks like.

```
.text, #text, p{  
    color:rgb(48, 75, 31)  
}
```

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(48, 75, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 75, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9989, -12.3781, 11.3687 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(48, 75, 31) }
```


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

```
.border{ border-color:rgb(48, 75, 31) }
```

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

Here you see how a box with a 4 pixel rgb(48, 75, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 75, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 75, 31);  
box-shadow:4px 4px 4px 4px rgb(48, 75, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.9989, -12.3781, 11.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 75, 31) }
```

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

```
.background{ background-color: rgb(48, 75,  
31) }
```

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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