

Converting Colors

HunterLab(23.4465, -12.5993,
8.9766)

Have a look what the booklet for
HunterLab(23.4465, -12.5993,
8.9766) contains.

HunterLab(23.5140, -12.5801, 8.9794)	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(23.5140,
-12.5801, 8.9794)**

Conversions

Conversions Part 1

Format	Color
Hex	294A29
RGB	41, 74, 41
RGB Percent	16%, 29%, 16%
CMY	0.8392, 0.7098, 0.8392
CMYK	0.45, 0.00, 0.45, 0.71
HSL	120°, 29%, 23%
HSV	120°, 45%, 29%
XYZ	3.7635, 5.5291, 2.9667
YIQ	60.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

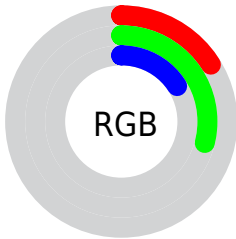
Format	Color
R_{YB}	41, 74, 74
Decimal	2705961
CIE Lab	28.19, -20.06, 16.01
CIE LCh	28, 25.669, 141.408
Yxy	5.5293, 0.3070, 0.4510
Android (android.graphics.Color)	4280896041 (0xFF294A29)
YUV	60.3710, -9.5499, -16.9884
Hunter-Lab	23.5140, -12.5801, 8.9794

Details

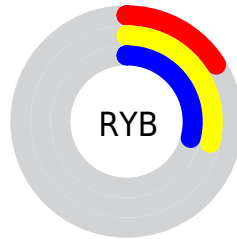
The HunterLab color **23.5140, -12.5801, 8.9794** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **18.8049, 13.1589, -8.6091**, and the grayscale version is **21.4195, -1.1429, 1.1638**.

A 20% lighter version of the original color is **41.1446, -16.3515, 12.0734**, and **9.8994, -8.4887, 5.9513** is the 20% darker color. If you saturate the color by 10%, you get **23.1178, -14.3697, 10.1892**, and if you desaturate by 10%, it is **23.9847, -10.5030, 7.5753**.

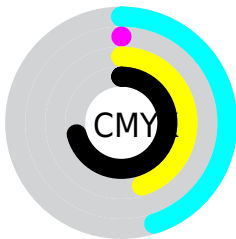
Distribution



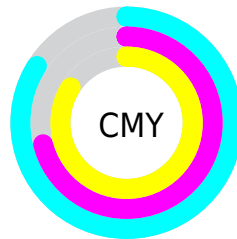
- Red (16%)
- Green (29%)
- Blue (16%)



- Red (16%)
- Yellow (29%)
- Blue (29%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (71%)



- Cyan (84%)
- Magenta (71%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5140, -12.5801, 8.9794 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 23.5140, -12.5801, 8.9794 by changing the saturation by 10% instead.

■ 23.5140, -12.5801,
8.9794

■ 23.5140, -12.5801,
8.9794

124.4243,
-27.8587, 22.3213

■ 16.0033, -10.5019,
7.2095

■ 41.1661, -16.3164,
12.1864

■ 9.5243, -9.6907,
6.6670

■ 51.1509, -18.0620,
13.6966

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.8334, -19.7575,
15.1712

0.0000, NaN, NaN

■ 73.1707, -21.4171,
16.6219

0.0000, NaN, NaN

■ 85.1271, -23.0506,
18.0571

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.6718, -24.6653,

19.4826

0.0000, NaN, NaN

■ 110.7786,
-26.2666, 20.9028

■ 23.5140, -12.5801,
8.9794

■ 23.5140, -12.5801,
8.9794

■ 23.1178, -14.3697,
10.1892

■ 23.9847, -10.5030,
7.5753

■ 22.7937, -15.8574,
11.1950

■ 24.5283, -8.1564,
5.9893

■ 22.5401, -17.0385,
11.9936

■ 25.1442, -5.5646,
4.2379

■ 22.3535, -17.9175,
12.5881

■ 25.8306, -2.7539,
2.3389

■ 22.2089, -18.6046,
13.0527

■ 26.5850, 0.2487,
0.3106

■ 22.1309, -18.9773,
13.3047

■ 27.4048, 3.4164,
-1.8287

■ 28.2868, 6.7239,
-4.0620

■ 29.2278, 10.1481,
-6.3736

■ 30.2246, 13.6683,
-8.7495

Harmonies

Analogous

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



23.5145, -6.8580, 11.5518



23.5140, -12.5801, 8.9794



23.5145, -15.1723, 3.4585

Triad

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



23.5145, -12.5805, 8.9796



23.5145, -3.6171, -19.5039



23.5145, 15.7215, 6.2196

Complementary

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



23.5140, -12.5801, 8.9794



18.8049, 13.1589, -8.6091

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.



23.5145, 16.9100, -1.1292



23.5140, -12.5801, 8.9794



23.5145, 4.9252, -17.9515

Square

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



23.5145, -12.5805, 8.9796



23.5145, -10.4940, -14.1461



23.5145, 12.7240, -10.4416



23.5145, 9.6733, 10.3910

Rectangle

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



23.5140, -12.5801, 8.9794



23.5145, -15.0687, -1.9614



23.5145, 12.7240, -10.4416



23.5145, 16.7334, 4.1169

Sweetspot

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



23.5145, -12.5805, 8.9796



33.2785, -6.9543, 5.3298



25.5221, -4.9850, 10.7658



16.6557, -3.7171, 2.8284



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.



23.5145, -12.5805, 8.9796



30.4391, -19.2885, 13.6663



23.8110, -10.8252, 4.6801



13.6659, -2.1047, 1.6779



30.8265, -26.4337, 18.5323



75.0438, -64.3500, 45.1150

Inverse Universe

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



18.8049, 13.1589, -8.6091



22.8944, 22.2640, -14.7271



18.2819, 10.6570, -1.3156



13.1412, 0.7293, -0.2588



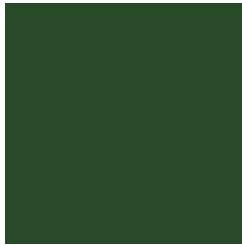
19.4527, 38.2446, -25.6564



47.3554, 93.1022, -62.4576

Previews

White Background



This preview shows how the HunterLab color 23.5140, -12.5801, 8.9794 looks on a white background.

Color Contrast Check

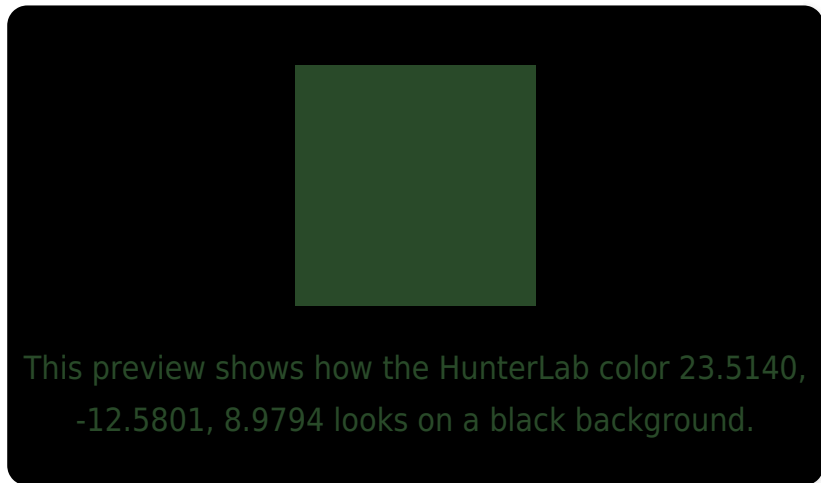
Large Text (above 18pt) WCAG AA ✓ Pass

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

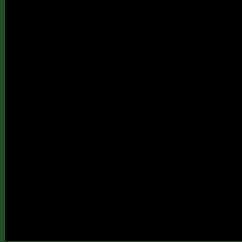
Any Text WCAG AA × Fail

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 23.5140, -12.5801, 8.9794 Background



This preview shows how black text looks on a background with the HunterLab color 23.5140, -12.5801, 8.9794.



This preview shows how white text looks on a background with the HunterLab color 23.5140,

-12.5801, 8.9794.

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

23.5140, -12.5801, 8.9794

Protanopia

23.3513, -2.2948, 9.6929

Deuteranopia

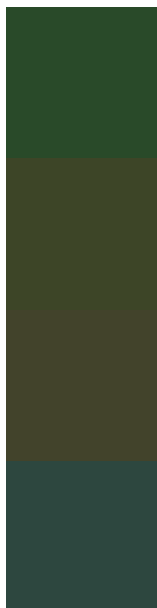
23.3288, 1.5668, 8.3465



Tritanopia

23.5170, -5.3774, -2.8414

Trichromacy



Original Color

23.5140, -12.5801, 8.9794

Protanomaly

23.2268, -6.6879, 9.2954

Deuteranomaly

23.1235, -4.2624, 8.3138

Tritanomaly

23.2879, -8.3109, 2.2317

Monochromacy



Original Color

23.5140, -12.5801, 8.9794

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.8964, -5.7016, 4.2725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5140, -12.5801, 8.9794 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(41, 74, 41)` looks like.

```
.text, #text, p{  
    color:rgb(41, 74, 41)  
}
```

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(41, 74, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 74, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5140, -12.5801, 8.9794 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(41, 74, 41) }
```


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

```
.border{ border-color:rgb(41, 74, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 74, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 74, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 74, 41);  
box-shadow:4px 4px 4px 4px rgb(41, 74, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5140, -12.5801, 8.9794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 74, 41) }
```

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

```
.background{ background-color: rgb(41, 74,  
41) }
```

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