

Converting Colors

HunterLab(23.3889, -13.6307,
9.6630)

Have a look what the booklet for
HunterLab(23.3889, -13.6307,
9.6630) contains.

HunterLab(23.2904, -13.5840, 9.6580)	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(23.2904,
-13.5840, 9.6580)**

Conversions

Conversions Part 1

Format	Color
Hex	254A25
RGB	37, 74, 37
RGB Percent	15%, 29%, 15%
CMY	0.8549, 0.7098, 0.8549
CMYK	0.50, 0.00, 0.50, 0.71
HSL	120°, 33%, 22%
HSV	120°, 50%, 29%
XYZ	3.5456, 5.4244, 2.6104
YIQ	58.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

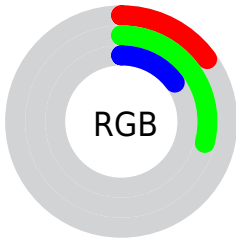
Format	Color
RYB	37, 74, 74
Decimal	2443813
CIELab	27.91, -22.21, 18.04
CIElCh	28, 28.611, 140.911
Yxy	5.4247, 0.3062, 0.4684
Android (android.graphics.Color)	4280633893 (0xFF254A25)
YUV	58.7190, -10.7075, -19.0476
Hunter-Lab	23.2904, -13.5840, 9.6580

Details

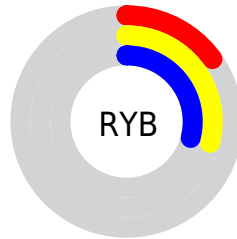
The HunterLab color **23.2904, -13.5840, 9.6580** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18.0928, 14.9220, -9.8208**, and the grayscale version is **20.8549, -1.1128, 1.1331**.

A 20% lighter version of the original color is **40.8735, -17.5846, 13.2988**, and **9.8994, -8.4887, 5.9513** is the 20% darker color. If you saturate the color by 10%, you get **22.9336, -15.2118, 10.7584**, and if you desaturate by 10%, it is **23.7213, -11.6607, 8.3577**.

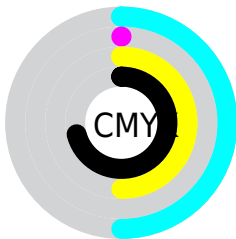
Distribution



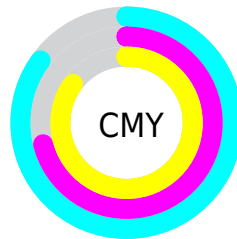
- Red (15%)
- Green (29%)
- Blue (15%)



- Red (15%)
- Yellow (29%)
- Blue (29%)



- Cyan (50%)
- Magenta (0%)
- Yellow (50%)
- Black (71%)



- Cyan (85%)
- Magenta (71%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2904, -13.5840, 9.6580 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 23.2904, -13.5840, 9.6580 by changing the saturation by 10% instead.

■ 23.2904, -13.5840,
9.6580

■ 23.2904, -13.5840,
9.6580

■ 124.0343,
-29.9906, 24.0923

■ 15.8067, -11.3040,
7.6968

■ 40.8964, -17.6475,
13.1857

■ 9.3589, -10.8393,
6.5512

■ 50.8609, -19.5324,
14.8318

0.0000, NaN, NaN

■ 61.5245, -21.3562,
16.4309

0.0000, NaN, NaN

■ 72.8440, -23.1350,
17.9968

0.0000, NaN, NaN


■ 84.7834, -24.8804,
19.5396


0.0000, NaN, NaN


■ 97.3120, -26.6008,


0.0000, NaN, NaN


0.0000, NaN, NaN


 110.4034,
-28.3026, 22.5826


 23.2904, -13.5840,
9.6580


 23.2904, -13.5840,
9.6580


 22.9336, -15.2118,
10.7584


 23.7213, -11.6607,
8.3577


 22.6480, -16.5338,
11.6523


 24.2254, -9.4568,
6.8681


 22.4312, -17.5504,
12.3397

 24.8024, -6.9945,
5.2041

 22.2749, -18.2899,
12.8398

 25.4509, -4.2988,
3.3826

 22.1309, -18.9772,
13.3046

 26.1688, -1.3965,
1.4219

■ 26.9536, 1.6851,
-0.6595

■ 27.8024, 4.9201,
-2.8440

■ 28.7119, 8.2839,
-5.1151

■ 29.6790, 11.7546,
-7.4578

Harmonies

Analogous

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



23.2909, -7.3009, 12.2315



23.2904, -13.5840, 9.6580



23.2909, -16.4286, 3.8029

Triad

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



23.2909, -13.5844, 9.6582



23.2909, -4.0075, -22.6265



23.2909, 17.9698, 6.5682

Complementary

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



23.2904, -13.5840, 9.6580



18.0928, 14.9220, -9.8208

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.



23.2909, 19.2228, -1.5888



23.2904, -13.5840, 9.6580



23.2909, 5.5031, -20.9380

Square

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



23.2909, -13.5844, 9.6582



23.2909, -11.4998, -16.2231



23.2909, 14.3600, -12.2445



23.2909, 11.1656, 10.9971

Rectangle

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



23.2904, -13.5840, 9.6580



23.2909, -16.3569, -2.1952



23.2909, 14.3600, -12.2445



23.2909, 19.0921, 4.2691

Sweetspot

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



23.2909, -13.5844, 9.6582



33.0998, -7.6967, 5.8313



25.4701, -5.2777, 11.5278



16.5770, -4.0450, 3.0499



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.



23.2909, -13.5844, 9.6582



30.1703, -20.5219, 14.5001



23.6045, -11.7137, 5.1023



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.



18.0928, 14.9220, -9.8208



21.9827, 24.7829, -16.4562



17.4921, 12.1197, -1.4750



13.1412, 0.7293, -0.2588



19.4526, 38.2444, -25.6556



47.3553, 93.1017, -62.4554

Previews

White Background



This preview shows how the HunterLab color 23.2904, -13.5840, 9.6580 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

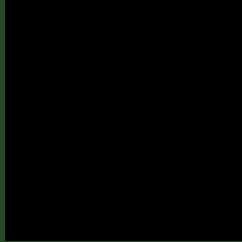
Any Text WCAG AA × Fail

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 23.2904, -13.5840, 9.6580 Background



This preview shows how black text looks on a background with the HunterLab color 23.2904, -13.5840, 9.6580.



This preview shows how white text looks on a background with the HunterLab color 23.2904,

-13.5840, 9.6580.

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

23.2904, -13.5840, 9.6580

Protanopia

23.2156, -2.8797, 10.3899

Deuteranopia

23.2673, 1.2370, 9.2434



Tritanopia

23.3371, -6.0966, -2.6382

Trichromacy



Original Color

23.2904, -13.5840, 9.6580

Protanomaly

23.0378, -7.5018, 9.9722

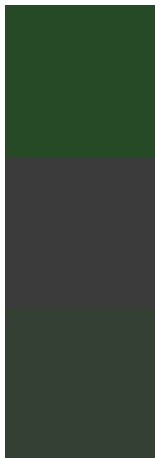
Deuteranomaly

22.9146, -5.1421, 9.0634

Tritanomaly

23.0990, -9.1234, 2.7418

Monochromacy



Original Color

23.2904, -13.5840, 9.6580

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.4700, -6.0114, 4.4755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2904, -13.5840, 9.6580 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(37, 74, 37)` looks like.

```
.text, #text, p{  
    color:rgb(37, 74, 37)  
}
```

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(37, 74, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 74, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2904, -13.5840, 9.6580 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(37, 74, 37) }
```


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

```
.border{ border-color:rgb(37, 74, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 74, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 74, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 74, 37);  
box-shadow:4px 4px 4px 4px rgb(37, 74, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.2904, -13.5840, 9.6580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 74, 37) }
```

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

```
.background{ background-color: rgb(37, 74,  
37) }
```

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