

Converting Colors

HunterLab(23.8093, -16.5878,
10.2399)

Have a look what the booklet for
HunterLab(23.8093, -16.5878,
10.2399) contains.

HunterLab(23.7008, -16.4296, 10.1414)	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(23.7008,
-16.4296, 10.1414)**

Conversions

Conversions Part 1

Format	Color
Hex	174D24
RGB	23, 77, 36
RGB Percent	9%, 30%, 14%
CMY	0.9098, 0.6980, 0.8588
CMYK	0.70, 0.00, 0.53, 0.70
HSL	134°, 54%, 20%
HSV	134°, 70%, 30%
XYZ	3.3257, 5.6173, 2.5780
YIQ	56.1800, -19.0230, -24.1990

Conversions

Conversions Part 2

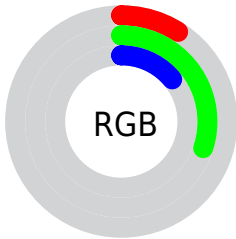
Format	Color
R_{YB}	23, 67, 77
Decimal	1527076
CIE _{Lab}	28.43, -27.95, 19.17
CIE _{LCh}	28, 33.893, 145.563
Yxy	5.6175, 0.2887, 0.4876
Android (android.graphics.Color)	4279717156 (0xFF174D24)
YUV	56.1800, -9.9487, -29.0989
Hunter-Lab	23.7008, -16.4296, 10.1414

Details

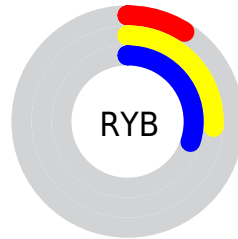
The HunterLab color **23.7008, -16.4296, 10.1414** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **16.0026, 19.8763, -7.7631**, and the grayscale version is **19.9855, -1.0664, 1.0858**.

A 20% lighter version of the original color is **41.5256, -21.3607, 13.8164**, and **10.4293, -8.9432, 6.2700** is the 20% darker color. If you saturate the color by 10%, you get **23.4661, -17.5440, 11.0229**, and if you desaturate by 10%, it is **24.0015, -15.0414, 9.1505**.

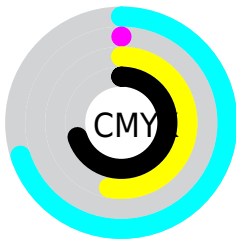
Distribution



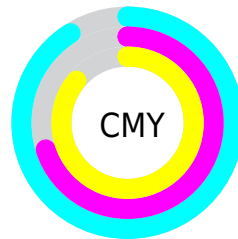
- Red (9%)
- Green (30%)
- Blue (14%)



- Red (9%)
- Yellow (26%)
- Blue (30%)



- Cyan (70%)
- Magenta (0%)
- Yellow (53%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7008, -16.4296, 10.1414 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 23.7008, -16.4296, 10.1414 by changing the saturation by 10% instead.

■ 23.7008, -16.4296,
10.1414

■ 23.7008, -16.4296,
10.1414

124.7495,
-35.8405, 25.1630

■ 16.1676, -13.6282,
8.0860

■ 41.3911, -21.3537,
13.8352

■ 9.6627, -13.1365,
6.7639

■ 51.3928, -23.6090,
15.5538

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.0910, -25.7747,
17.2199

0.0000, NaN, NaN

■ 73.4432, -27.8726,
18.8487

0.0000, NaN, NaN

■ 85.4137, -29.9181,
20.4505

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9718, -31.9224,

111.0915,
-33.8944, 23.6026

23.7008, -16.4296,
10.1414

23.7008, -16.4296,
10.1414

23.4661, -17.5440,
11.0229

24.0015, -15.0414,
9.1505

23.2900, -18.3993,
11.7862

24.3692, -13.3807,
8.0589

23.1375, -19.1391,
12.3959

24.8056, -11.4574,
6.8775

25.3111, -9.2863,
5.6182

25.8851, -6.8867,
4.2937

■ 26.5264, -4.2806,
2.9166

■ 27.2331, -1.4909,
1.4988

■ 28.0030, 1.4587,
0.0515

■ 28.8335, 4.5458,
-1.4153

Harmonies

Analogous

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



23.7013, -9.7934, 13.2721



23.7008, -16.4296, 10.1414



23.7013, -19.0177, 2.8081

Triad

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



23.7013, -16.4299, 10.1416



23.7013, -2.8951, -29.2068



23.7013, 21.2342, 8.4875

Complementary

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



23.7008, -16.4296, 10.1414



16.0026, 19.8763, -7.7631

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.



23.7013, 23.9987, -0.3355



23.7008, -16.4296, 10.1414



23.7013, 8.6689, -25.3193

Square

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



23.7013, -16.4299, 10.1416



23.7013, -12.1718, -22.3181



23.7013, 19.0391, -13.3092



23.7013, 12.0569, 12.6720

Rectangle

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



23.7008, -16.4296, 10.1414



23.7013, -18.5266, -4.8319



23.7013, 19.0391, -13.3092



23.7013, 23.0087, 6.1182

Sweetspot

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



23.7013, -16.4299, 10.1416



33.5956, -9.4997, 5.8797



25.4427, -9.8025, 13.6170



17.1663, -5.1035, 3.1415



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.7013, -16.4299, 10.1416



30.4074, -23.6527, 15.0647



24.1755, -13.5600, 3.2692



13.6859, -1.9936, 1.3924



30.9371, -25.7406, 16.8978



75.2290, -63.1884, 42.3760

Inverse Universe

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



16.0026, 19.8763, -7.7631



19.0145, 30.5840, -11.0154



15.2537, 16.6897, 2.7594



13.1187, 0.6083, 0.0609



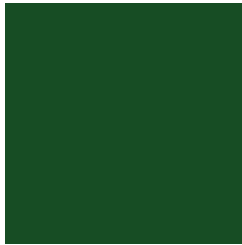
18.3491, 34.3778, -11.0450



44.5040, 83.1030, -24.6404

Previews

White Background



This preview shows how the HunterLab color 23.7008, -16.4296, 10.1414 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

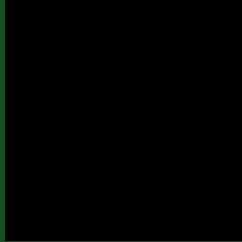
Any Text WCAG AA × Fail

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 23.7008, -16.4296, 10.1414 Background



This preview shows how black text looks on a background with the HunterLab color 23.7008, -16.4296, 10.1414.



This preview shows how white text looks on a background with the HunterLab color 23.7008,

-16.4296, 10.1414.

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

23.7008, -16.4296, 10.1414

Protanopia

23.6219, -2.7569, 10.8960

Deuteranopia

23.5852, 1.0551, 9.7263



Tritanopia

23.6180, -7.6581, -3.6748

Trichromacy



Original Color

23.7008, -16.4296, 10.1414

Protanomaly

23.3114, -9.2662, 10.3530

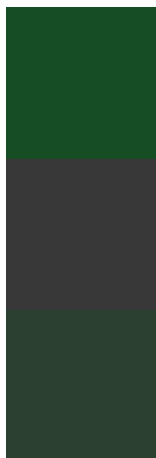
Deuteranomaly

23.1449, -7.0209, 9.4414

Tritanomaly

23.5871, -11.4483, 2.5130

Monochromacy



Original Color

23.7008, -16.4296, 10.1414

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

21.0333, -7.7294, 4.6345

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7008, -16.4296, 10.1414 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(23, 77, 36)` looks like.

```
.text, #text, p{  
    color:rgb(23, 77, 36)  
}
```

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(23, 77, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 77, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7008, -16.4296, 10.1414 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(23, 77, 36) }
```


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

```
.border{ border-color:rgb(23, 77, 36) }
```

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

Here you see how a box with a 4 pixel rgb(23, 77, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 77, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 77, 36);  
box-shadow:4px 4px 4px 4px rgb(23, 77, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7008, -16.4296, 10.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 77, 36) }
```

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

```
.background{ background-color: rgb(23, 77,  
36) }
```

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