

Converting Colors

HunterLab(22.4554, -12.6407,
-15.4016)

Have a look what the booklet for
HunterLab(22.4554, -12.6407,
-15.4016) contains.

HunterLab(23.6846, -7.5799, -13.2408)	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(23.6846, -7.5799,
-13.2408)**

Conversions

Conversions Part 1

Format	Color
Hex	004960
RGB	0, 73, 96
RGB Percent	0%, 29%, 38%
CMY	1.0000, 0.7137, 0.6235
CMYK	1.00, 0.24, 0.00, 0.62
HSL	194°, 100%, 19%
HSV	194°, 100%, 38%
XYZ	4.4939, 5.6096, 11.9122
YIQ	53.7950, -50.8910, -8.3230

Conversions

Conversions Part 2

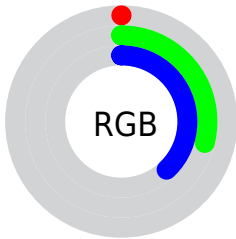
Format	Color
RYB	0, 41, 96
Decimal	18784
CIELab	28.41, -10.60, -19.09
CIELCh	28, 21.840, 240.957
Yxy	5.6098, 0.2041, 0.2548
Android (android.graphics.Color)	4278208864 (0xFF004960)
YUV	53.7950, 20.8071, -47.1782
Hunter-Lab	23.6846, -7.5799, -13.2408

Details

The HunterLab color **23.6846, -7.5799, -13.2408** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.6068, 21.2023, 11.2195**, and the grayscale version is **19.0825, -1.0182, 1.0368**.

A 20% lighter version of the original color is **41.4957, -10.0684, -14.0477**, and **10.7649, -1.5938, -10.0147** is the 20% darker color. If you saturate the color by 10%, you get **23.6843, -7.5793, -13.2417**, and if you desaturate by 10%, it is **24.4533, -7.9874, -11.9037**.

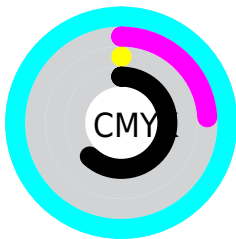
Distribution



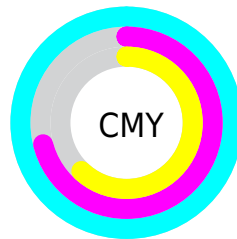
- Red (0%)
- Green (29%)
- Blue (38%)



- Red (0%)
- Yellow (16%)
- Blue (38%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (62%)



- Cyan (100%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6846, -7.5799, -13.2408 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 23.6846, -7.5799, -13.2408 by changing the saturation by 10% instead.

■ 23.6846, -7.5799,
-13.2408

■ 23.6846, -7.5799,
-13.2408

■ 124.7212,
-18.0678, -14.7980

■ 16.1533, -6.3305,
-12.7790

■ 41.3715, -9.9486,
-14.0296

■ 9.6506, -5.3161,
-12.3857

■ 51.3717, -11.1052,
-14.3249

0.0000, NaN, -NF

■ 62.0686, -12.2560,
-14.5528

0.0000, NaN, NaN

■ 73.4195, -13.4066,
-14.7164

0.0000, NaN, NaN

■ 85.3887, -14.5607,
-14.8193

0.0000, NaN, NaN

■ 97.9457, -15.7211,

0.0000, NaN, NaN

0.0000, NaN, NaN

-14.8650

0.0000, NaN, NaN

111.0643,
-16.8896, -14.8569

23.6846, -7.5799,
-13.2408

23.6846, -7.5799,
-13.2408

23.6843, -7.5793,
-13.2417

24.4533, -7.9874,
-11.9037

25.2535, -8.2854,
-10.5657

26.1264, -8.3210,
-9.1604

27.0730, -8.0925,
-7.6950

28.0926, -7.6063,
-6.1785

■ 29.1835, -6.8746,
-4.6204

■ 30.3430, -5.9129,
-3.0299

■ 31.5682, -4.7384,
-1.4152

■ 32.8558, -3.3693,
0.2167

Harmonies

Analogous

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



23.6850, -11.9443, -6.4775



23.6846, -7.5799, -13.2408



23.6850, -1.0349, -15.8802

Triad

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



23.6850, -7.5797, -13.2404



23.6850, 14.1170, 1.5067



23.6850, -7.9334, 9.9892

Complementary

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



23.6846, -7.5799, -13.2408



17.6068, 21.2023, 11.2195

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.



23.6850, -1.4943, 10.9956



23.6846, -7.5799, -13.2408



23.6850, 11.7227, 7.0807

Square

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



23.6850, -7.5797, -13.2404



23.6850, 12.0000, -5.9834



23.6850, 5.7894, 10.1131



23.6850, -12.1309, 6.8025

Rectangle

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



23.6846, -7.5799, -13.2408



23.6850, 3.8582, -14.4743



23.6850, 5.7894, 10.1131



23.6850, -5.9867, 10.5426

Sweetspot

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



23.6850, -7.5797, -13.2404



40.0145, -7.9555, -4.2059



29.0265, -24.1578, 15.8702



19.7133, -4.1596, -2.4020



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



23.6850, -7.5797, -13.2404



31.0901, -9.6723, -17.9802



12.5144, 13.3624, -44.4848



16.7336, -1.6263, 0.2015



27.7872, -8.7404, -15.8635



63.1182, -18.6409, -38.6519

Inverse Universe

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



17.2281, 32.2928, -10.5120



22.7654, 42.6166, -13.4297



26.3015, 1.7464, 16.2369



16.1834, 0.8555, 0.0220



20.2948, 38.0120, -12.1299



46.7560, 87.3181, -25.9643

Previews

White Background



This preview shows how the HunterLab color 23.6846, -7.5799, -13.2408 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



This preview shows how the HunterLab color 23.6846, -7.5799, -13.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

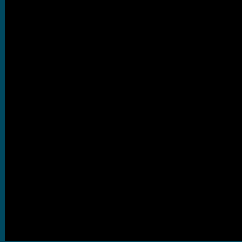
Any Text WCAG AA × Fail

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 23.6846, -7.5799, -13.2408 Background



This preview shows how black text looks on a background with the HunterLab color 23.6846, -7.5799, -13.2408.



This preview shows how white text looks on a background with the HunterLab color 23.6846, -7.5799, -13.2408.

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

23.6846, -7.5799, -13.2408

Protanopia

23.6905, 1.4892, -10.1463

Deuteranopia

23.8529, 1.2148, -13.3916



Tritanopia

23.7197, -11.3982, -5.0420

Trichromacy



Original Color

23.6846, -7.5799, -13.2408

Protanomaly

23.3637, -3.4255, -11.9436

Deuteranomaly

23.4022, -2.9772, -14.2840

Tritanomaly

23.5997, -10.0729, -7.7531

Monochromacy



Original Color

23.6846, -7.5799, -13.2408

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

20.2663, -5.4969, -4.0797

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6846, -7.5799, -13.2408 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(0, 73, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 96)  
}
```

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(0, 73, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6846, -7.5799, -13.2408 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(0, 73, 96) }
```


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

```
.border{ border-color:rgb(0, 73, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 73, 96); box-shadow:4px  
4px 4px 4px rgb(0, 73, 96) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.6846, -7.5799, -13.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 96) }
```

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

```
.background{ background-color: rgb(0, 73,  
96) }
```

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