

Converting Colors

HunterLab(23.6049, -8.4012,
-9.3410)

Have a look what the booklet for
HunterLab(23.6049, -8.4012,
-9.3410) contains.

HunterLab(23.6049, -8.4012, -9.3410)	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(23.6049, -8.4012,
-9.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	0D4959
RGB	13, 73, 89
RGB Percent	5%, 29%, 35%
CMY	0.9490, 0.7137, 0.6510
CMYK	0.85, 0.18, 0.00, 0.65
HSL	193°, 74%, 20%
HSV	193°, 85%, 35%
XYZ	4.3517, 5.5719, 10.2973
YIQ	56.8840, -40.8960, -7.7440

Conversions

Conversions Part 2

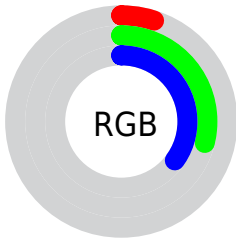
Format	Color
R_{YB}	13, 47, 89
Decimal	870745
CIE Lab	28.31, -12.10, -14.73
CIE LCh	28, 19.064, 230.600
Yxy	5.5721, 0.2152, 0.2756
Android (android.graphics.Color)	4279060825 (0xFF0D4959)
YUV	56.8840, 15.8332, -38.4863
Hunter-Lab	23.6049, -8.4012, -9.3410

Details

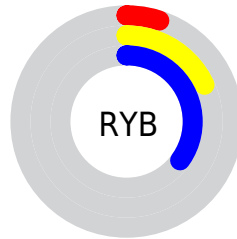
The HunterLab color **23.6049, -8.4012, -9.3410** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.4124, 17.0127, 9.7301**, and the grayscale version is **20.1463, -1.0750, 1.0946**.

A 20% lighter version of the original color is **41.3796, -11.0808, -9.6945**, and **10.5022, -3.0767, -6.4852** is the 20% darker color. If you saturate the color by 10%, you get **22.9575, -8.1732, -10.4057**, and if you desaturate by 10%, it is **24.3022, -8.4510, -8.2313**.

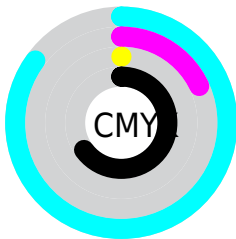
Distribution



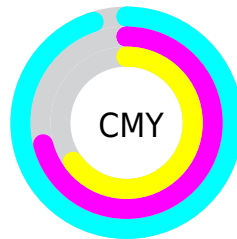
- Red (5%)
- Green (29%)
- Blue (35%)



- Red (5%)
- Yellow (18%)
- Blue (35%)



- Cyan (85%)
- Magenta (18%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (71%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6049, -8.4012, -9.3410 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 23.6049, -8.4012, -9.3410 by changing the saturation by 10% instead.

■ 23.6049, -8.4012,
-9.3410

■ 23.6049, -8.4012,
-9.3410

■ 124.5825,
-19.6328, -9.5652

■ 16.0832, -7.0244,
-8.9747

■ 41.2755, -10.9811,
-9.8481

■ 9.5916, -6.0171,
-8.5721

■ 51.2685, -12.2289,
-9.9895

0.0000, NaN, -NF

■ 61.9587, -13.4643,
-10.0627

0.0000, NaN, NaN

■ 73.3033, -14.6940,
-10.0726

0.0000, NaN, NaN

■ 85.2665, -15.9228,
-10.0239

0.0000, NaN, NaN

■ 97.8178, -17.1540,

0.0000, NaN, NaN

0.0000, NaN, NaN

-9.9209

0.0000, NaN, NaN

■ 110.9308,
-18.3900, -9.7669

■ 23.6049, -8.4012,
-9.3410

■ 23.6049, -8.4012,
-9.3410

■ 22.9575, -8.1732,
-10.4057

■ 24.3022, -8.4510,
-8.2313

■ 22.6596, -8.0669,
-10.9083

■ 25.0643, -8.2631,
-7.0573

■ 25.8924, -7.8384,
-5.8246

■ 26.7857, -7.1840,
-4.5409

■ 27.7427, -6.3112,
-3.2142

■ 28.7614, -5.2339,
-1.8522

■ 29.8393, -3.9675,
-0.4621

■ 30.9735, -2.5281,
0.9497

■ 32.1613, -0.9312,
2.3778

Harmonies

Analogous

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



23.6053, -11.4709, -3.0921



23.6049, -8.4012, -9.3410



23.6053, -3.1878, -12.9695

Triad

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



23.6053, -8.4011, -9.3406



23.6053, 11.7750, -0.6554



23.6053, -5.3341, 9.6638

Complementary

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



23.6049, -8.4012, -9.3410



17.4124, 17.0127, 9.7301

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.



23.6053, 0.7301, 9.9968



23.6049, -8.4012, -9.3410



23.6053, 11.0473, 4.9569

Square

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



23.6053, -8.4011, -9.3406



23.6053, 8.7402, -7.1643



23.6053, 6.8442, 8.5102



23.6053, -9.8320, 7.4399

Rectangle

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



23.6049, -8.4012, -9.3410



23.6053, 0.9862, -12.9051



23.6053, 6.8442, 8.5102



23.6053, -3.4268, 9.9732

Sweetspot

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



23.6053, -8.4011, -9.3406



37.3947, -7.0579, -2.6782



27.0467, -21.2595, 13.8573



18.6768, -3.7112, -1.5410



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



23.6053, -8.4011, -9.3406



29.4016, -10.2520, -14.6183



14.3416, 7.1906, -30.1097



15.1517, -1.5010, 0.2345



27.3684, -9.5940, -13.4974



63.8439, -21.3351, -33.7431

Inverse Universe

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



17.0086, 27.6042, -11.0095



20.9194, 39.4020, -14.2102



24.6435, 1.4388, 14.2938



14.6408, 0.7474, -0.0031



19.4442, 36.6353, -13.2996



45.9410, 86.3189, -29.5653

Previews

White Background



This preview shows how the HunterLab color 23.6049, -8.4012, -9.3410 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 23.6049, -8.4012, -9.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

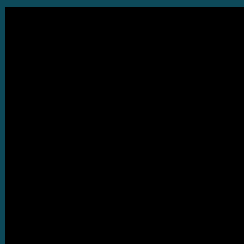
Any Text WCAG AA × Fail

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 23.6049, -8.4012, -9.3410 Background



This preview shows how black text looks on a background with the HunterLab color 23.6049, -8.4012, -9.3410.



This preview shows how white text looks on a background with the HunterLab color 23.6049, -8.4012, -9.3410.

-9.3410.

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

23.6049, -8.4012, -9.3410

Protanopia

23.5810, 0.6315, -6.5472

Deuteranopia

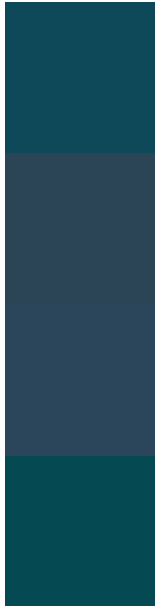
23.6905, 1.4892, -10.1463



Tritanopia

23.4024, -11.2322, -5.0039

Trichromacy



Original Color

23.6049, -8.4012, -9.3410

Protanomaly

23.3743, -3.8941, -7.9970

Deuteranomaly

23.4692, -3.2718, -10.0322

Tritanomaly

23.5677, -10.3971, -6.2475

Monochromacy



Original Color

23.6049, -8.4012, -9.3410

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

21.1095, -5.0955, -2.8952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6049, -8.4012, -9.3410 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(13, 73, 89)` looks like.

```
.text, #text, p{  
    color:rgb(13, 73, 89)  
}
```

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(13, 73, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 73, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6049, -8.4012, -9.3410 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(13, 73, 89) }
```


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

```
.border{ border-color:rgb(13, 73, 89) }
```

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

Here you see how a box with a 4 pixel rgb(13, 73, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 73, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 73, 89);  
box-shadow:4px 4px 4px 4px rgb(13, 73, 89)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6049, -8.4012, -9.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 73, 89) }
```

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

```
.background{ background-color: rgb(13, 73,  
89) }
```

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