

Converting Colors

HunterLab(23.7168, -2.4261,
-7.8093)

Have a look what the booklet for
HunterLab(23.7168, -2.4261,
-7.8093) contains.

HunterLab(23.7659, -2.4317, -7.8929)	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(23.7659, -2.4317,
-7.8929)**

Conversions

Conversions Part 1

Format	Color
Hex	334557
RGB	51, 69, 87
RGB Percent	20%, 27%, 34%
CMY	0.8000, 0.7294, 0.6588
CMYK	0.41, 0.21, 0.00, 0.66
HSL	210°, 26%, 27%
HSV	210°, 41%, 34%
XYZ	5.2137, 5.6482, 9.8323
YIQ	65.6700, -16.5060, 1.7820

Conversions

Conversions Part 2

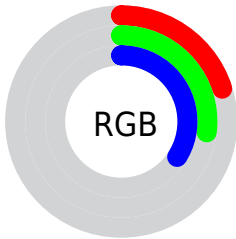
Format	Color
R_{YB}	51, 63, 87
Decimal	3360087
CIE _{Lab}	28.51, -1.86, -12.99
CIE _{LCh}	29, 13.124, 261.845
Yxy	5.6484, 0.2519, 0.2729
Android (android.graphics.Color)	4281550167 (0xFF334557)
YUV	65.6700, 10.5157, -12.8656
Hunter-Lab	23.7659, -2.4317, -7.8929

Details

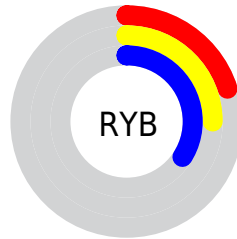
The HunterLab color **23.7659, -2.4317, -7.8929** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.5375, 1.8350, 8.4963**, and the grayscale version is **23.1946, -1.2376, 1.2602**.

A 20% lighter version of the original color is **41.4504, -3.5409, -8.3732**, and **9.6862, -1.2886, -7.4622** is the 20% darker color. If you saturate the color by 10%, you get **22.1979, -2.1948, -10.4442**, and if you desaturate by 10%, it is **25.3986, -2.4802, -5.4418**.

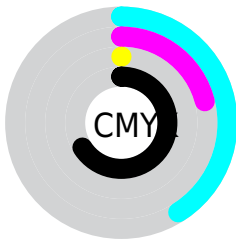
Distribution



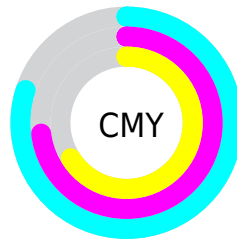
- Red (20%)
- Green (27%)
- Blue (34%)



- Red (20%)
- Yellow (25%)
- Blue (34%)



- Cyan (41%)
- Magenta (21%)
- Yellow (0%)
- Black (66%)



- Cyan (80%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7659, -2.4317, -7.8929 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 23.7659, -2.4317, -7.8929 by changing the saturation by 10% instead.

■ 23.7659, -2.4317,
-7.8929

■ 23.7659, -2.4317,
-7.8929

■ 124.8627, -8.7031,
-7.5230

■ 16.2249, -1.8873,
-7.5855

■ 41.4694, -3.6187,
-8.2624

■ 9.7109, -1.3745,
-7.2138

■ 51.4770, -4.2594,
-8.3342

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 62.1807, -4.9304,
-8.3387

0.0000, NaN, NaN

■ 73.5381, -5.6305,
-8.2816

0.0000, NaN, NaN

■ 85.5134, -6.3587,
-8.1676

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.0762, -7.1141,

-8.0009

0.0000, NaN, NaN

111.2004, -7.8959,
-7.7850

■ 23.7659, -2.4317,
-7.8929

■ 23.7659, -2.4317,
-7.8929

■ 22.1979, -2.1948,
-10.4442

■ 25.3986, -2.4802,
-5.4418

■ 20.7000, -1.7437,
-13.1021

■ 27.0887, -2.3628,
-3.0851

■ 19.2801, -1.0526,
-15.8670

■ 28.8313, -2.1001,
-0.8138

■ 17.9461, -0.0969,
-18.7333

■ 30.6219, -1.7101,
1.3805

■ 16.7025, 1.1304,
-21.6961

■ 32.4563, -1.2081,
3.5065

■ 15.6606, 2.2576,
-24.4480

■ 34.3312, -0.6075,
5.5718

■ 36.2434, 0.0807,
7.5837

■ 38.1903, 0.8465,
9.5488

■ 40.1695, 1.6819,
11.4728

Harmonies

Analogous

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



23.7664, -6.1687, -5.7662



23.7659, -2.4317, -7.8929



23.7664, 1.8889, -7.2344

Triad

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



23.7664, -2.4319, -7.8924



23.7664, 6.9097, 4.0404



23.7664, -7.4328, 5.6612

Complementary

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



23.7659, -2.4317, -7.8929



25.5375, 1.8350, 8.4963

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.



23.7664, -4.2709, 7.5019



23.7659, -2.4317, -7.8929



23.7664, 4.0621, 6.6886

Square

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



23.7664, -2.4319, -7.8924



23.7664, 7.4894, 0.1497



23.7664, -0.0841, 7.8413



23.7664, -8.9188, 2.3834

Rectangle

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



23.7659, -2.4317, -7.8929



23.7664, 4.5070, -5.3495



23.7664, -0.0841, 7.8413



23.7664, -6.5419, 6.4425

Sweetspot

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



23.7664, -2.4319, -7.8924



37.4311, -2.7860, -1.3576



28.1826, -12.3990, 5.5082



18.4183, -1.3886, -0.7601



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



23.7664, -2.4319, -7.8924



28.9517, -2.8568, -13.7225



19.5257, 5.1024, -15.2590



14.8565, -1.0195, -0.1193



19.1321, 3.4415, -31.3426



43.3223, 12.0889, -80.2457

Inverse Universe

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



21.9630, 11.8617, -1.4585



26.3408, 19.8580, -2.3702



29.9750, -5.4838, 12.1791



14.6102, 0.5829, 0.4318



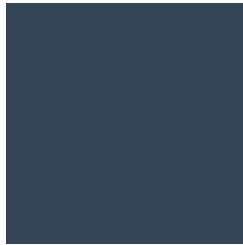
18.4232, 32.9732, 0.8749



43.4576, 77.3942, 5.0449

Previews

White Background



This preview shows how the HunterLab color 23.7659, -2.4317, -7.8929 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

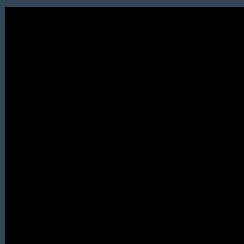
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

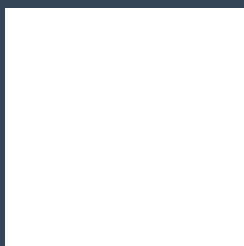
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.7659, -2.4317, -7.8929 Background



This preview shows how black text looks on a background with the HunterLab color 23.7659, -2.4317, -7.8929.



This preview shows how white text looks on a background with the HunterLab color 23.7659, -2.4317, -7.8929.

-7.8929.

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

23.7659, -2.4317, -7.8929

Protanopia

23.6145, 0.8119, -7.0128

Deuteranopia

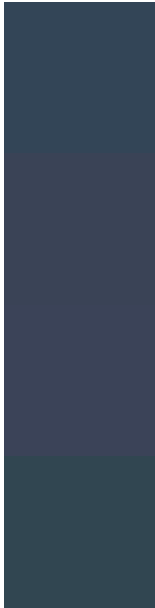
23.7861, 1.5964, -8.3285



Tritanopia

23.8132, -5.6052, -2.9059

Trichromacy



Original Color

23.7659, -2.4317, -7.8929

Protanomaly

23.6342, -0.3355, -7.5291

Deuteranomaly

23.7670, 0.2576, -8.3822

Tritanomaly

23.7221, -4.3270, -4.9148

Monochromacy



Original Color

23.7659, -2.4317, -7.8929

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.4538, -1.7148, -1.9553

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7659, -2.4317, -7.8929 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(51, 69, 87)` looks like.

```
.text, #text, p{  
    color:rgb(51, 69, 87)  
}
```

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(51, 69, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 69, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7659, -2.4317, -7.8929 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(51, 69, 87) }
```


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

```
.border{ border-color:rgb(51, 69, 87) }
```

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

Here you see how a box with a 4 pixel rgb(51, 69, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 69, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 69, 87);  
box-shadow:4px 4px 4px 4px rgb(51, 69, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.7659, -2.4317, -7.8929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 69, 87) }
```

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

```
.background{ background-color: rgb(51, 69,  
87) }
```

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