

Converting Colors

HunterLab(36.9567, -2.6041,
-2.1527)

Have a look what the booklet for
HunterLab(36.9567, -2.6041,
-2.1527) contains.

HunterLab(36.9246, -2.4471, -2.3756)	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(36.9246, -2.4471,
-2.3756)

Conversions

Conversions Part 1

Format	Color
Hex	616871
RGB	97, 104, 113
RGB Percent	38%, 41%, 44%
CMY	0.6196, 0.5921, 0.5569
CMYK	0.14, 0.08, 0.00, 0.56
HSL	214°, 8%, 41%
HSV	214°, 14%, 44%
XYZ	12.8607, 13.6343, 17.5766
YIQ	102.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

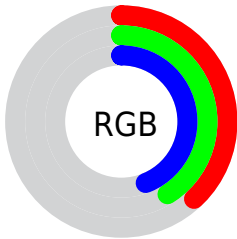
Format	Color
R_{YB}	97, 102, 113
Decimal	6383729
CIE Lab	43.70, -0.65, -5.96
CIE LCh	44, 5.996, 263.749
Yxy	13.6348, 0.2918, 0.3094
Android (android.graphics.Color)	4284573809 (0xFF616871)
YUV	102.9330, 4.9630, -5.2032
Hunter-Lab	36.9246, -2.4471, -2.3756

Details

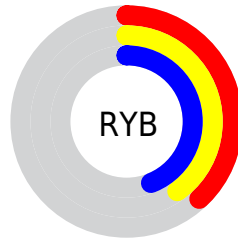
The HunterLab color $36.9246, -2.4471, -2.3756$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $38.3168, -1.2675, 6.0885$, and the grayscale version is $36.7876, -1.9629, 1.9987$.

A 20% lighter version of the original color is $56.9695, -3.4253, -2.0029$, and $19.9650, -1.5665, -2.5766$ is the 20% darker color. If you saturate the color by 10%, you get $34.3890, -2.4315, -5.7878$, and if you desaturate by 10%, it is $39.5329, -2.2837, 0.8893$.

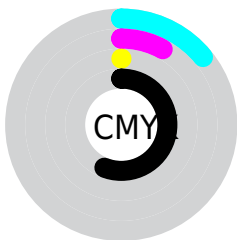
Distribution



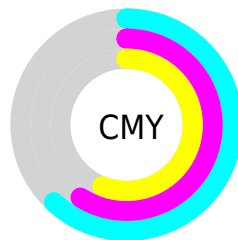
- Red (38%)
- Green (41%)
- Blue (44%)



- Red (38%)
- Yellow (40%)
- Blue (44%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (56%)



- Cyan (62%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9246, -2.4471, -2.3756 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 36.9246, -2.4471, -2.3756 by changing the saturation by 10% instead.

■ 36.9246, -2.4471,
-2.3756

■ 36.9246, -2.4471,
-2.3756

■ 146.6107, -8.5848,
1.2714

■ 28.0484, -1.9318,
-2.5200

■ 56.9558, -3.5919,
-1.8943

■ 20.0251, -1.4569,
-2.5890

■ 68.0041, -4.2156,
-1.5717

■ 12.9583, -1.0267,
-2.5683

■ 79.6867, -4.8713,
-1.2008

■ 6.4041, -0.7863,
-3.5092

■ 91.9709, -5.5576,
-0.7851

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8285, -6.2732,
-0.3277

0.0000, NaN, NaN

■ 118.2350, -7.0170,

0.0000, NaN, NaN

0.1689

0.0000, NaN, NaN

132.1689, -7.7878,
0.7026

■ 36.9246, -2.4471,
-2.3756

■ 36.9246, -2.4471,
-2.3756

■ 34.3890, -2.4315,
-5.7878

■ 39.5329, -2.2837,
0.8893

■ 31.9316, -2.2056,
-9.3710

■ 42.2051, -1.9637,
4.0249

■ 29.5624, -1.7358,
-13.1474

■ 44.9361, -1.5083,
7.0496

■ 27.2925, -0.9827,
-17.1389

■ 47.7213, -0.9348,
9.9789

■ 25.1346, 0.0975,
-21.3634

■ 50.5564, -0.2575,
12.8263

■ 23.1036, 1.5502,
-25.8293

■ 53.4381, 0.5114,
15.6034

■ 21.2158, 3.4162,
-30.5274

■ 56.3630, 1.3618,
18.3202

■ 19.4825, 5.7029,
-35.4395

■ 59.3286, 2.2850,
20.9852

■ 18.5109, 7.1209,
-38.5090

■ 62.3324, 3.2737,
23.6058

Harmonies

Analogous

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



36.9254, -4.5259, -1.5094



36.9246, -2.4471, -2.3756



36.9254, -0.1922, -2.0095

Triad

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



36.9254, -2.4478, -2.3750



36.9254, 2.1217, 3.6484



36.9254, -5.4374, 4.3891

Complementary

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



36.9246, -2.4471, -2.3756



38.3168, -1.2675, 6.0885

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.



36.9254, -3.7192, 5.6229



36.9246, -2.4471, -2.3756



36.9254, 0.6528, 5.2137

Square

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



36.9254, -2.4478, -2.3750



36.9254, 2.4820, 1.5535



36.9254, -1.4942, 5.9154



36.9254, -6.2248, 2.4606

Rectangle

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



36.9246, -2.4471, -2.3756



36.9254, 1.1047, -1.1274



36.9254, -1.4942, 5.9154



36.9254, -4.9516, 4.8940

Sweetspot

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



36.9254, -2.4478, -2.3750



52.9196, -3.0542, 1.2121



39.2279, -7.5550, 3.5125



25.3441, -1.4784, 0.4557



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



36.9254, -2.4478, -2.3750



48.2822, -3.2968, -4.6600



35.1105, 0.9419, -4.7305



18.7572, -1.1686, -0.3292



19.6172, 7.7902, -41.3366



41.8478, 21.5886, -98.9097

Inverse Universe

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



36.1385, 3.8524, 0.8479



47.0179, 7.0632, 0.7656



40.1639, -4.6422, 7.9724



18.5027, 0.8018, 0.6437



20.5775, 36.4639, 3.8051



45.7445, 80.7168, 11.1262

Previews

White Background



This preview shows how the HunterLab color 36.9246, -2.4471, -2.3756 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 × Fail

Black Background



This preview shows how the HunterLab color 36.9246, -2.4471, -2.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

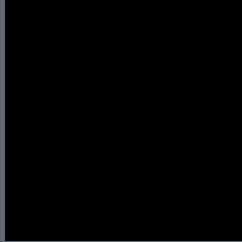
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

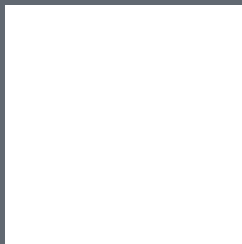
Any Text WCAG AAA × Fail

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

HunterLab 36.9246, -2.4471, -2.3756 Background



This preview shows how black text looks on a background with the HunterLab color 36.9246, -2.4471, -2.3756.



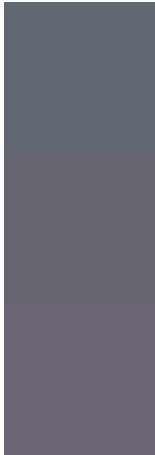
This preview shows how white text looks on a background with the HunterLab color 36.9246, -2.4471, -2.3756.

-2.3756.

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

36.9246, -2.4471, -2.3756

Protanopia

36.7388, -0.3752, -2.1070

Deuteranopia

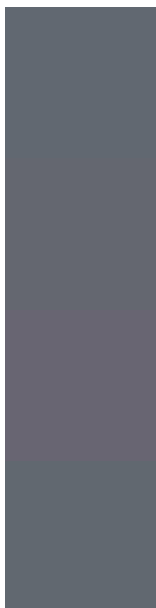
36.7660, 2.5558, -2.9726



Tritanopia

36.8943, -2.6139, -1.9461

Trichromacy



Original Color

36.9246, -2.4471, -2.3756

Protanomaly

36.8506, -1.3708, -1.9805

Deuteranomaly

36.6951, 0.9659, -3.0937

Tritanomaly

36.8943, -2.6139, -1.9461

Monochromacy



Original Color

36.9246, -2.4471, -2.3756

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.7814, -1.9050, 0.2090

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9246, -2.4471, -2.3756 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(97, 104, 113)` looks like.

```
.text, #text, p{  
    color:rgb(97, 104, 113)  
}
```

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(97, 104, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 104, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9246, -2.4471, -2.3756 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(97, 104, 113) }
```


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

```
.border{ border-color:rgb(97, 104, 113) }
```

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

Here you see how a box with a 4 pixel rgb(97, 104, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 104, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 104, 113);  
box-shadow:4px 4px 4px 4px rgb(97, 104,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9246, -2.4471, -2.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 104, 113) }
```

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

```
.background{ background-color: rgb(97, 104,  
113) }
```

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