

Converting Colors

HunterLab(12.4962, -3.8504,
5.0900)

Have a look what the booklet for
HunterLab(12.4962, -3.8504, 5.0900)
contains.

HunterLab(12.5628, -3.9759, 5.1687)	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(12.5628, -3.9759,
5.1687)**

Conversions

Conversions Part 1

Format	Color
Hex	1E2411
RGB	30, 36, 17
RGB Percent	12%, 14%, 7%
CMY	0.8824, 0.8588, 0.9333
CMYK	0.17, 0.00, 0.53, 0.86
HSL	79°, 36%, 10%
HSV	79°, 53%, 14%
XYZ	1.2675, 1.5782, 0.7681
YIQ	32.0400, 2.5230, -7.1810

Conversions

Conversions Part 2

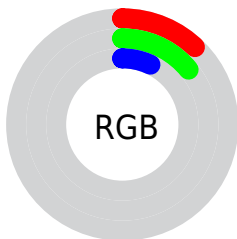
Format	Color
RYB	17, 36, 23
Decimal	1975313
CIELab	13.10, -6.85, 11.59
CIElCh	13, 13.467, 120.576
Yxy	1.5783, 0.3507, 0.4367
Android (android.graphics.Color)	4280165393 (0xFF1E2411)
YUV	32.0400, -7.4147, -1.7891
Hunter-Lab	12.5628, -3.9759, 5.1687

Details

The HunterLab color **12.5628, -3.9759, 5.1687** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **8.4290, 3.7220, -6.4818**, and the grayscale version is **12.0529, -0.6431, 0.6549**.

A 20% lighter version of the original color is **27.4024, -5.7296, 7.8324**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4545, -4.4678, 5.7183**, and if you desaturate by 10%, it is **12.6804, -3.4432, 4.5261**.

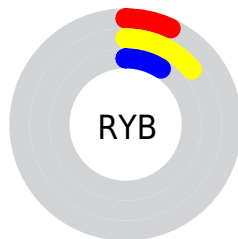
Distribution



Red (12%)

Green (14%)

Blue (7%)



Red (7%)

Yellow (14%)

Blue (9%)

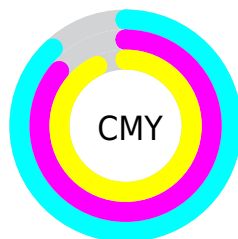


Cyan (17%)

Magenta (0%)

Yellow (53%)

Black (86%)



Cyan (88%)

Magenta (86%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5628, -3.9759, 5.1687 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 12.5628, -3.9759, 5.1687 by changing the saturation by 10% instead.

■ 12.5628, -3.9759,
5.1687

■ 12.5628, -3.9759,
5.1687

■ 104.0320,
-12.5284, 16.4087

■ 5.8559, -5.4103,
4.0991

■ 27.5361, -5.8622,
7.8484

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3636, -6.7869,
9.1157

0.0000, NaN, NaN

■ 45.9734, -7.7146,
10.3517

0.0000, NaN, NaN

■ 56.3063, -8.6507,
11.5701

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3149, -9.5984,
12.7798

0.0000, NaN, NaN

■ 78.9600, -10.5598,

0.0000, NaN, NaN

13.9869

■ 91.2085, -11.5362,
15.1955

■ 12.5628, -3.9759,
5.1687

■ 12.5628, -3.9759,
5.1687

■ 12.4545, -4.4678,
5.7183

■ 12.6804, -3.4432,
4.5261

■ 12.3544, -4.9177,
6.1761

■ 12.8066, -2.8690,
3.7895

■ 12.2591, -5.3483,
6.5992

■ 12.9417, -2.2544,
2.9591

■ 12.1654, -5.7763,
7.0312

■ 13.0857, -1.6003,
2.0354

■ 12.0989, -6.0838,
7.3488

■ 13.2386, -0.9077,
1.0198

■ 13.4004, -0.1780,
-0.0860

■ 13.5710, 0.5874,
-1.2800

■ 13.7504, 1.3870,
-2.5597

■ 13.9384, 2.2192,
-3.9224

Harmonies

Analogous

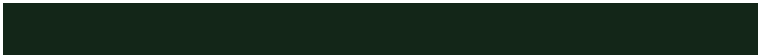
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.5631, -0.7400, 5.7864



12.5628, -3.9759, 5.1687



12.5631, -6.1093, 3.4879

Triad

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



12.5631, -3.9762, 5.1688



12.5631, -3.8691, -6.4387



12.5631, 6.9579, 0.7493

Complementary

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



12.5628, -3.9759, 5.1687



8.4290, 3.7220, -6.4818

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.



12.5631, 5.8859, -2.9664



12.5628, -3.9759, 5.1687



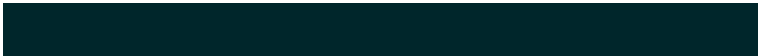
12.5631, -0.6019, -7.7569

Square

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



12.5631, -3.9762, 5.1688



12.5631, -6.0525, -3.1128



12.5631, 3.0157, -6.3389



12.5631, 5.8034, 3.5732

Rectangle

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



12.5628, -3.9759, 5.1687



12.5631, -6.7520, 1.7069



12.5631, 3.0157, -6.3389



12.5631, 6.8449, -0.4332

Sweetspot

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



12.5631, -3.9762, 5.1688



16.1740, -2.3388, 3.0297



10.0823, 2.3486, 3.1351



9.0675, -1.2808, 1.6556



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.5631, -3.9762, 5.1688



15.4130, -5.7940, 7.3587



12.0812, -5.8182, 4.7398



7.6629, -0.7331, 0.8963



26.0964, -14.1467, 15.8328



71.7598, -40.6016, 43.5073

Inverse Universe

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



8.4290, 3.7220, -6.4818



9.0443, 6.2838, -11.1938



9.1575, 5.8219, -5.0621



7.2902, -0.0552, -0.1108



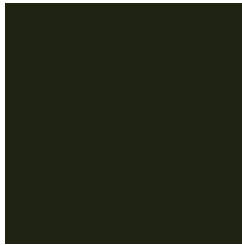
9.0540, 22.1665, -45.7858



24.0170, 60.3173, -133.2193

Previews

White Background



This preview shows how the HunterLab color 12.5628, -3.9759, 5.1687 looks on a white background.

Color Contrast Check

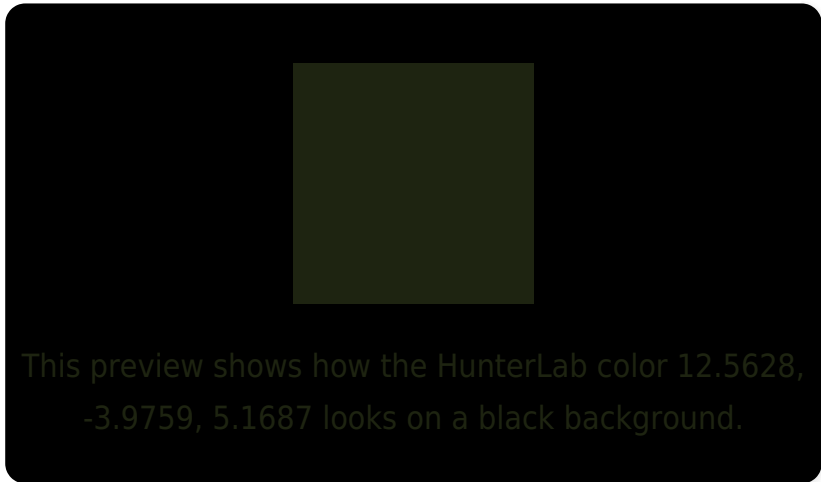
Large Text (above 18pt) WCAG AA ✓ Pass

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

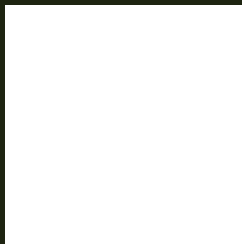
Any Text WCAG AAA × Fail

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

HunterLab 12.5628, -3.9759, 5.1687 Background



This preview shows how black text looks on a background with the HunterLab color 12.5628, -3.9759, 5.1687.

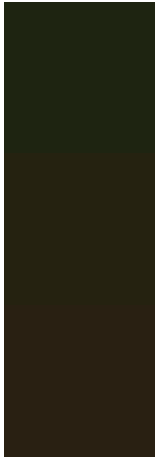


This preview shows how white text looks on a background with the HunterLab color 12.5628, -3.9759, 5.1687.

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

12.5628, -3.9759, 5.1687

Protanopia

12.5490, -1.6415, 5.3878

Deuteranopia

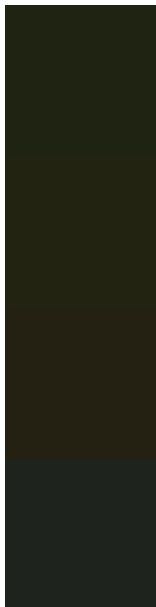
12.4423, 0.3212, 4.9456



Tritanopia

12.5885, -0.7375, -0.4994

Trichromacy



Original Color

12.5628, -3.9759, 5.1687

Protanomaly

12.5680, -2.7601, 5.3835

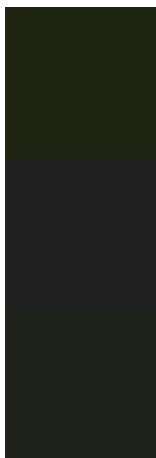
Deuteranomaly

12.3479, -1.1394, 4.8409

Tritanomaly

12.5980, -2.2038, 1.9436

Monochromacy



Original Color

12.5628, -3.9759, 5.1687

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0754, -1.8152, 2.3178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5628, -3.9759, 5.1687 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(30, 36, 17)` looks like.

```
.text, #text, p{  
    color:rgb(30, 36, 17)  
}
```

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(30, 36, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 36, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5628, -3.9759, 5.1687 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(30, 36, 17) }
```


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

```
.border{ border-color:rgb(30, 36, 17) }
```

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

Here you see how a box with a 4 pixel rgb(30, 36, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 36, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 36, 17);  
box-shadow:4px 4px 4px 4px rgb(30, 36, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5628, -3.9759, 5.1687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 36, 17) }
```

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

```
.background{ background-color: rgb(30, 36,  
17) }
```

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