

Converting Colors

HunterLab(21.7865, -4.9486,
-0.0843)

Have a look what the booklet for
HunterLab(21.7865, -4.9486,
-0.0843) contains.

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Color

**HunterLab(21.9436, -4.9600,
-0.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	314141
RGB	49, 65, 65
RGB Percent	19%, 25%, 25%
CMY	0.8078, 0.7451, 0.7451
CMYK	0.25, 0.00, 0.00, 0.75
HSL	180°, 14%, 22%
HSV	180°, 25%, 25%
XYZ	4.1111, 4.8152, 5.7138
YIQ	60.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

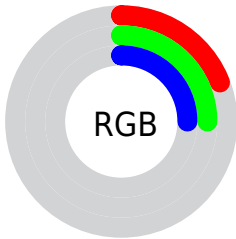
Format	Color
RYB	49, 57, 65
Decimal	3227969
CIELab	26.20, -6.39, -2.12
CIELCh	26, 6.733, 198.312
Yxy	4.8154, 0.2808, 0.3289
Android (android.graphics.Color)	4281418049 (0xFF314141)
YUV	60.2160, 2.3585, -9.8364
Hunter-Lab	21.9436, -4.9600, -0.0777

Details

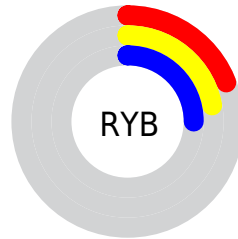
The HunterLab color **21.9436, -4.9600, -0.0777** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.8211, 3.4139, 2.5030**, and the grayscale version is **21.3264, -1.1379, 1.1587**.

A 20% lighter version of the original color is **39.3565, -6.6942, 0.5985**, and **8.3694, -3.7454, -0.6509** is the 20% darker color. If you saturate the color by 10%, you get **21.5993, -6.2298, -0.5276**, and if you desaturate by 10%, it is **22.3358, -3.5433, 0.4257**.

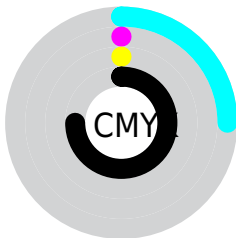
Distribution



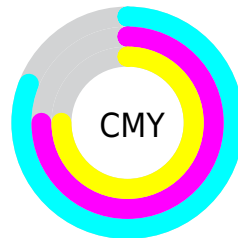
- Red (19%)
- Green (25%)
- Blue (25%)



- Red (19%)
- Yellow (22%)
- Blue (25%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (75%)



- Cyan (81%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9436, -4.9600, -0.0777 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 21.9436, -4.9600, -0.0777 by changing the saturation by 10% instead.

■ 21.9436, -4.9600,
-0.0777

■ 21.9436, -4.9600,
-0.0777

■ 121.6666,
-13.3668, 4.4154

■ 14.6266, -4.0540,
-0.3248

■ 39.2665, -6.7492,
0.6076

■ 8.2863, -3.8038,
-0.6072

■ 49.1065, -7.6514,
1.0293

0.0000, NaN, NaN

■ 59.6539, -8.5652,
1.4968

0.0000, NaN, NaN

■ 70.8640, -9.4930,
2.0066

0.0000, NaN, NaN

■ 82.6997, -10.4362,
2.5556

0.0000, NaN, NaN

■ 95.1296, -11.3959,

0.0000, NaN, NaN

0.0000, NaN, NaN

108.1264,
-12.3727, 3.7619

■ 21.9436, -4.9600,
-0.0777

■ 21.9436, -4.9600,
-0.0777

■ 21.5993, -6.2298,
-0.5276

■ 22.3358, -3.5433,
0.4257

■ 21.3014, -7.3444,
-0.9224

■ 22.7741, -1.9883,
0.9783

■ 21.0499, -8.2987,
-1.2603

■ 23.2583, -0.3058,
1.5770

■ 20.8436, -9.0908,
-1.5404

■ 23.7873, 1.4928,
2.2179

■ 20.6809, -9.7217,
-1.7634

■ 24.3598, 3.3956,
2.8968

■ 20.5595, -10.1964,
-1.9311

■ 24.9745, 5.3913,
3.6099

■ 20.4572, -10.5985,
-2.0731

■ 25.6296, 7.4687,
4.3533

■ 20.4019, -10.8169,
-2.1502

■ 26.3235, 9.6172,
5.1234

■ 27.0545, 11.8274,
5.9168

Harmonies

Analogous

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



21.9440, -5.0753, 1.9763



21.9436, -4.9600, -0.0777



21.9440, -3.8543, -1.9498

Triad

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



21.9440, -4.9603, -0.0774



21.9440, 2.0012, -1.5851



21.9440, -0.3283, 4.7070

Complementary

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



21.9436, -4.9600, -0.0777



18.8211, 3.4139, 2.5030

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.



21.9440, 1.6455, 3.9329



21.9436, -4.9600, -0.0777



21.9440, 3.0246, 0.3828

Square

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



21.9440, -4.9603, -0.0774



21.9440, 0.1420, -2.8764



21.9440, 2.8920, 2.3945



21.9440, -2.4559, 4.6094

Rectangle

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



21.9436, -4.9600, -0.0777



21.9440, -2.6789, -2.7828



21.9440, 2.8920, 2.3945



21.9440, 0.3766, 4.5434

Sweetspot

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



21.9440, -4.9603, -0.0774



29.3889, -3.1368, 1.0712



21.5920, -6.9972, 5.2033



15.4242, -1.6523, 0.5602



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.9440, -4.9603, -0.0774



28.1661, -7.5522, -0.4964



19.9686, -1.8954, -2.5781



12.1665, -1.4079, 0.4068



30.6464, -16.2484, -3.2297



76.7655, -40.7005, -8.0894

Inverse Universe

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



18.8211, 3.4139, 2.5030



23.0753, 6.1526, 3.7279



20.6051, 0.1911, 4.3388



11.5712, 0.1803, 0.8960



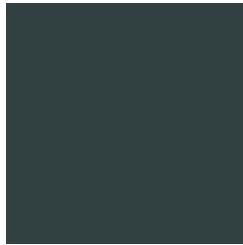
15.9245, 27.2713, 10.2894



39.8890, 68.3112, 25.7747

Previews

White Background



This preview shows how the HunterLab color 21.9436, -4.9600, -0.0777 looks on a white background.

Color Contrast Check

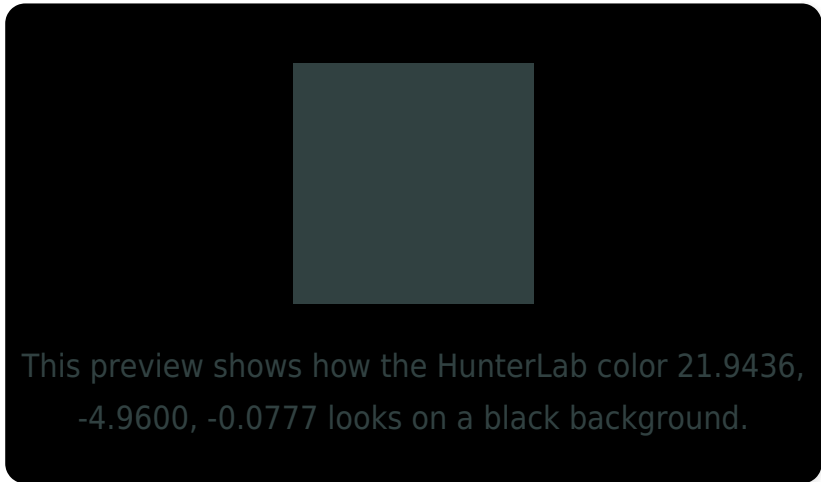
Large Text (above 18pt) WCAG AA ✓ Pass

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

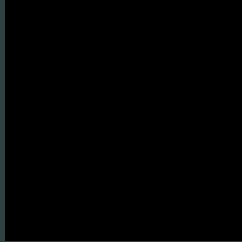
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

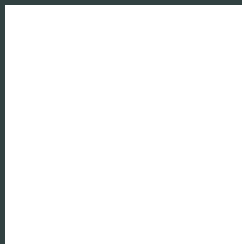
Any Text WCAG AAA × Fail

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

HunterLab 21.9436, -4.9600, -0.0777 Background



This preview shows how black text looks on a background with the HunterLab color 21.9436, -4.9600, -0.0777.



This preview shows how white text looks on a background with the HunterLab color 21.9436, -4.9600, -0.0777.

-0.0777.

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

21.9436, -4.9600, -0.0777

Protanopia

22.0474, -0.7760, 0.9256

Deuteranopia

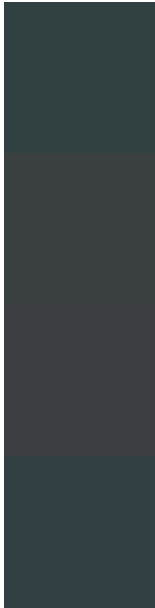
21.8708, 1.2770, -0.4737



Tritanopia

21.8508, -3.7413, -1.8782

Trichromacy



Original Color

21.9436, -4.9600, -0.0777

Protanomaly

21.9652, -2.2939, 0.4020

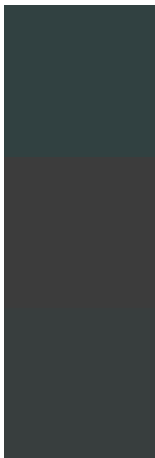
Deuteranomaly

21.9072, -1.1055, -0.4698

Tritanomaly

21.8226, -3.8992, -1.4796

Monochromacy



Original Color

21.9436, -4.9600, -0.0777

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.5263, -2.6529, 0.6654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9436, -4.9600, -0.0777 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(49, 65, 65)` looks like.

```
.text, #text, p{  
    color:rgb(49, 65, 65)  
}
```

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(49, 65, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 65, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9436, -4.9600, -0.0777 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(49, 65, 65) }
```


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

```
.border{ border-color:rgb(49, 65, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 65, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 65, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 65, 65);  
box-shadow:4px 4px 4px 4px rgb(49, 65, 65)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9436, -4.9600, -0.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 65, 65) }
```

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

```
.background{ background-color: rgb(49, 65,  
65) }
```

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](#).

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