

Converting Colors

HunterLab(21.9575, 2.0750,
-15.2577)

Have a look what the booklet for
HunterLab(21.9575, 2.0750,
-15.2577) contains.

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Color

**HunterLab(21.9057, 2.0472,
-15.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	313D5E
RGB	49, 61, 94
RGB Percent	19%, 24%, 37%
CMY	0.8078, 0.7608, 0.6314
CMYK	0.48, 0.35, 0.00, 0.63
HSL	224°, 31%, 28%
HSV	224°, 48%, 37%
XYZ	4.9557, 4.7986, 11.2547
YIQ	61.1740, -17.7450, 7.7190

Conversions

Conversions Part 2

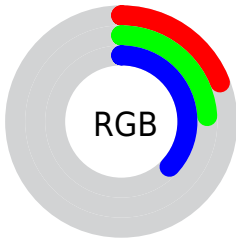
Format	Color
R_{YB}	49, 58, 94
Decimal	3226974
CIE _{Lab}	26.15, 5.10, -21.18
CIE _{LCh}	26, 21.788, 283.533
Yxy	4.7988, 0.2359, 0.2284
Android (android.graphics.Color)	4281417054 (0xFF313D5E)
YUV	61.1740, 16.1832, -10.6766
Hunter-Lab	21.9057, 2.0472, -15.1280

Details

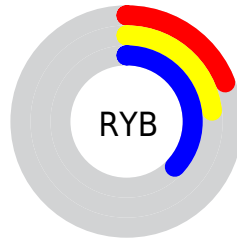
The HunterLab color **21.9057, 2.0472, -15.1280** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **29.3875, -1.6945, 12.2160**, and the grayscale version is **21.6129, -1.1532, 1.1743**.

A 20% lighter version of the original color is **39.1997, 2.0289, -16.3271**, and **8.2801, 2.3010, -14.8807** is the 20% darker color. If you saturate the color by 10%, you get **19.7476, 3.4441, -19.5658**, and if you desaturate by 10%, it is **24.1688, 0.9068, -11.0699**.

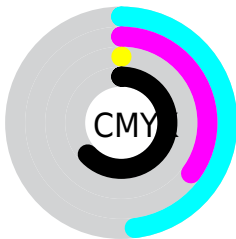
Distribution



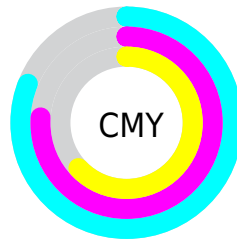
- Red (19%)
- Green (24%)
- Blue (37%)



- Red (19%)
- Yellow (23%)
- Blue (37%)



- Cyan (48%)
- Magenta (35%)
- Yellow (0%)
- Black (63%)



- Cyan (81%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9057, 2.0472, -15.1280 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 21.9057, 2.0472, -15.1280 by changing the saturation by 10% instead.

■ 21.9057, 2.0472,
-15.1280

■ 21.9057, 2.0472,
-15.1280

■ 121.5994, -0.9055,
-17.3742

■ 14.5934, 2.0547,
-14.6577

■ 39.2204, 1.7769,
-16.0440

■ 8.2537, 2.2508,
-14.6917

■ 49.0569, 1.5405,
-16.4189

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 59.6009, 1.2475,
-16.7289

0.0000, NaN, NaN

■ 70.8079, 0.9035,
-16.9749

0.0000, NaN, NaN

■ 82.6406, 0.5130,
-17.1594

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.0677, 0.0795,

-17.2854

0.0000, NaN, NaN

108.0619, -0.3942,
-17.3560

■ 21.9057, 2.0472,
-15.1280

■ 21.9057, 2.0472,
-15.1280

■ 19.7476, 3.4441,
-19.5658

■ 24.1688, 0.9068,
-11.0699

■ 17.7127, 5.1489,
-24.4425

■ 26.5206, -0.0222,
-7.3332

■ 15.8263, 7.2129,
-29.7940

■ 28.9500, -0.7772,
-3.8628

■ 14.1197, 9.6712,
-35.5977

■ 31.4476, -1.3887,
-0.6120

■ 12.5846, 12.3983,
-41.9200

■ 34.0061, -1.8810,
2.4581

■ 12.2729, 12.9842,
-43.3692

■ 36.6195, -2.2737,
5.3792

■ 39.2829, -2.5823,
8.1775

■ 41.9922, -2.8195,
10.8741

■ 44.7440, -2.9955,
13.4862

Harmonies

Analogous

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



21.9061, -4.8327, -14.8471



21.9057, 2.0472, -15.1280



21.9061, 8.8205, -10.1777

Triad

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



21.9061, 2.0472, -15.1275



21.9061, 9.3902, 8.2683



21.9061, -12.5738, 4.5001

Complementary

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



21.9057, 2.0472, -15.1280



29.3875, -1.6945, 12.2160

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.



21.9061, -9.6393, 8.5544



21.9057, 2.0472, -15.1280



21.9061, 2.7503, 10.2189

Square

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



21.9061, 2.0472, -15.1275



21.9061, 13.4034, 3.9647



21.9061, -4.2117, 10.3040



21.9061, -12.7124, -1.9974

Rectangle

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



21.9057, 2.0472, -15.1280



21.9061, 12.1296, -5.2673



21.9061, -4.2117, 10.3040



21.9061, -11.9000, 6.1373

Sweetspot

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



21.9061, 2.0472, -15.1275



39.4339, -1.3261, -3.6036



30.4429, -13.4478, 2.9762



19.0686, -0.5885, -2.0755



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



21.9061, 2.0472, -15.1275



25.8816, 4.7427, -26.4465



19.8750, 9.6960, -19.1742



15.3894, -0.6593, -0.4471



14.1727, 16.0131, -52.2822



31.1521, 43.4583, -132.7515

Inverse Universe

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



22.1663, 14.0100, 2.0948



26.7163, 23.2943, 3.5525



31.7634, -9.6799, 13.9787



15.3523, 0.4968, 0.8144



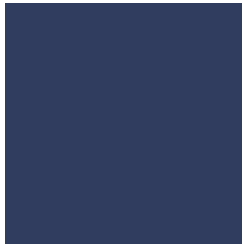
18.3915, 31.9848, 8.0953



42.8858, 74.2862, 21.1770

Previews

White Background



This preview shows how the HunterLab color 21.9057, 2.0472, -15.1280 looks on a white background.

Color Contrast Check

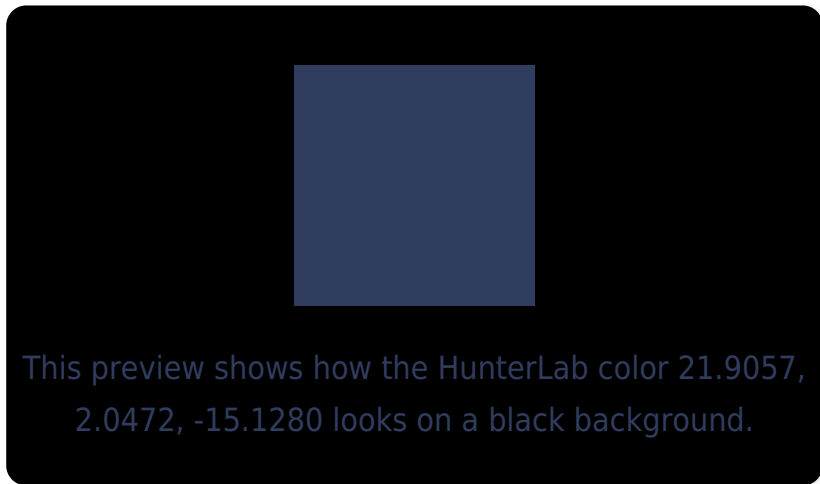
Large Text (above 18pt) WCAG AA ✓ Pass

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

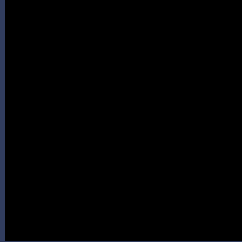
Any Text WCAG AA × Fail

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 21.9057, 2.0472, -15.1280 Background



This preview shows how black text looks on a background with the HunterLab color 21.9057, 2.0472, -15.1280.



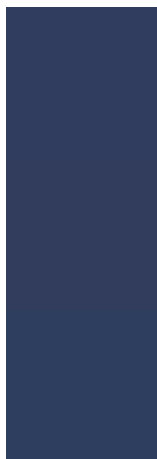
This preview shows how white text looks on a background with the HunterLab color 21.9057, 2.0472, -15.1280.

-15.1280.

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

21.9057, 2.0472, -15.1280

Protanopia

21.9630, 2.2379, -15.0145

Deuteranopia

21.9869, 1.0575, -14.9894



Tritanopia

22.0082, -5.7443, -2.5988

Trichromacy



Original Color

21.9057, 2.0472, -15.1280

Protanomaly

21.9630, 2.2379, -15.0145

Deuteranomaly

22.0403, 1.2375, -14.8842

Tritanomaly

21.8842, -3.0050, -6.6084

Monochromacy



Original Color

21.9057, 2.0472, -15.1280

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.6527, -0.3114, -3.9231

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9057, 2.0472, -15.1280 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, 61, 94)` looks like.

```
.text, #text, p{  
    color:rgb(49, 61, 94)  
}
```

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, 61, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 61, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9057, 2.0472, -15.1280 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, 61, 94) }
```


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

```
.border{ border-color:rgb(49, 61, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 61, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 61, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 61, 94);  
box-shadow:4px 4px 4px 4px rgb(49, 61, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9057, 2.0472, -15.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 61, 94) }
```

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

```
.background{ background-color: rgb(49, 61,  
94) }
```

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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