

Converting Colors

HunterLab(19.9778, -15.8261,
4.3317)

Have a look what the booklet for
HunterLab(19.9778, -15.8261,
4.3317) contains.

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Color

**HunterLab(20.5221,
-14.1662, 4.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	00432E
RGB	0, 67, 46
RGB Percent	0%, 26%, 18%
CMY	1.0000, 0.7373, 0.8196
CMYK	1.00, 0.00, 0.31, 0.74
HSL	161°, 100%, 13%
HSV	161°, 100%, 26%
XYZ	2.5003, 4.2116, 3.2659
YIQ	44.5730, -33.1910, -20.7350

Conversions

Conversions Part 2

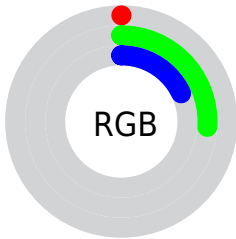
Format	Color
RYB	0, 40, 67
Decimal	17198
CIELab	24.36, -25.26, 7.44
CIELCh	24, 26.331, 163.579
Yxy	4.2117, 0.2506, 0.4221
Android (android.graphics.Color)	4278207278 (0xFF00432E)
YUV	44.5730, 0.7035, -39.0905
Hunter-Lab	20.5221, -14.1662, 4.9300

Details

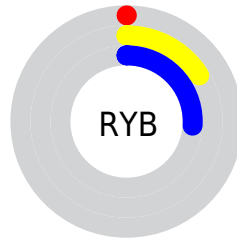
The HunterLab color **20.5221, -14.1662, 4.9300** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.1693, 19.6114, 3.4590**, and the grayscale version is **16.0647, -0.8572, 0.8728**.

A 20% lighter version of the original color is **37.6338, -18.7980, 6.9090**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.5224, -14.1666, 4.9304**, and if you desaturate by 10%, it is **20.6687, -13.4852, 4.4470**.

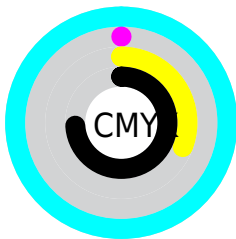
Distribution



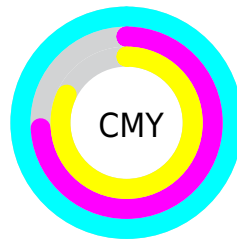
- Red (0%)
- Green (26%)
- Blue (18%)



- Red (0%)
- Yellow (16%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5221, -14.1662, 4.9300 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 20.5221, -14.1662, 4.9300 by changing the saturation by 10% instead.

■ 20.5221, -14.1662,
4.9300

■ 20.5221, -14.1662,
4.9300

■ 119.1315,
-32.4117, 13.8755

■ 13.3892, -11.4929,
3.9168

■ 37.5345, -18.8088,
6.8796

■ 6.9470, -12.1573,
4.8196

■ 47.2385, -20.9255,
7.8476

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.6591, -22.9566,
8.8214

0.0000, NaN, NaN

■ 68.7501, -24.9242,
9.8049

0.0000, NaN, NaN

■ 80.4730, -26.8436,
10.8006


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.7955, -28.7261,


11.8103


0.0000, NaN, NaN


 105.6898,
-30.5800, 12.8350


 20.5221, -14.1662,
4.9300


 20.5221, -14.1662,
4.9300


 20.5224, -14.1666,
4.9304

 20.6687, -13.4852,
4.4470

 20.8210, -12.7813,
3.9482

 21.0117, -11.9264,
3.4705

 21.2483, -10.8960,
3.0256

 21.5328, -9.6898,
2.6190

■ 21.8662, -8.3119,
2.2554

■ 22.2491, -6.7696,
1.9383

■ 22.6814, -5.0727,
1.6703

■ 23.1627, -3.2330,
1.4531

Harmonies

Analogous

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



20.5225, -10.8974, 9.2987



20.5221, -14.1662, 4.9300



20.5225, -14.3143, -2.7371

Triad

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



20.5225, -14.1663, 4.9302



20.5225, 2.7494, -19.5392



20.5225, 11.6591, 9.0156

Complementary

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



20.5221, -14.1662, 4.9300



11.1693, 19.6114, 3.4590

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.



20.5225, 16.6444, 4.3439



20.5221, -14.1662, 4.9300



20.5225, 10.9796, -13.0378

Square

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



20.5225, -14.1663, 4.9302



20.5225, -5.3771, -19.1793



20.5225, 16.3778, -3.6056



20.5225, 3.5673, 10.9408

Rectangle

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



20.5221, -14.1662, 4.9300



20.5225, -12.6769, -9.0638



20.5225, 16.3778, -3.6056



20.5225, 13.8067, 7.8160

Sweetspot

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



20.5225, -14.1663, 4.9302



28.8238, -9.0476, 2.5641



20.4360, -15.4886, 12.3212



14.6271, -4.7800, 1.3384



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.



20.5225, -14.1663, 4.9302



26.6254, -18.5241, 6.7088



17.6379, -6.9215, -7.1037



12.1429, -1.5392, 0.7446



29.8840, -20.8519, 7.6608



74.7407, -52.9361, 20.8545

Inverse Universe

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



11.1693, 19.6114, 3.4590



14.4630, 25.3210, 5.0607



12.0965, 14.9810, 7.7157



11.5944, 0.3056, 0.5652



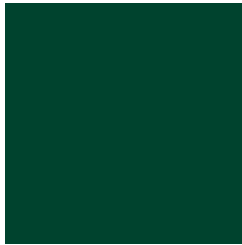
16.2221, 28.3704, 5.9115



40.4447, 70.3667, 17.5774

Previews

White Background



This preview shows how the HunterLab color 20.5221, -14.1662, 4.9300 looks on a white background.

Color Contrast Check

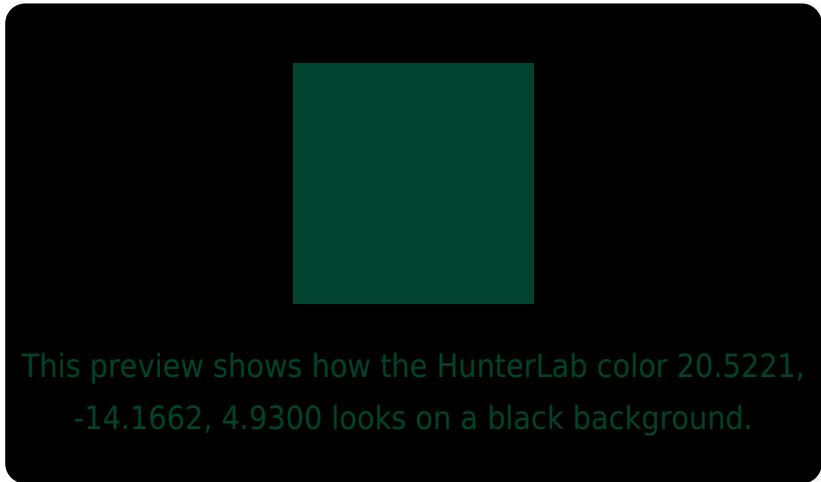
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5221, -14.1662, 4.9300 Background



This preview shows how black text looks on a background with the HunterLab color 20.5221, -14.1662, 4.9300.



This preview shows how white text looks on a background with the HunterLab color 20.5221,

-14.1662, 4.9300.

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

20.5221, -14.1662, 4.9300

Protanopia

20.6156, -1.6090, 6.3753

Deuteranopia

20.5792, 0.9577, 4.6412



Tritanopia

20.6848, -8.0583, -3.5334

Trichromacy



Original Color

20.5221, -14.1662, 4.9300

Protanomaly

19.9073, -8.1188, 5.3178

Deuteranomaly

19.8760, -6.7164, 4.1077

Tritanomaly

20.5404, -10.4868, -0.2703

Monochromacy



Original Color

20.5221, -14.1662, 4.9300

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.3115, -7.0596, 2.0410

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5221, -14.1662, 4.9300 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(0, 67, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 67, 46)  
}
```

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(0, 67, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 67, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5221, -14.1662, 4.9300 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(0, 67, 46) }
```


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

```
.border{ border-color:rgb(0, 67, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 67, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 67, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 67, 46); box-shadow:4px  
4px 4px 4px rgb(0, 67, 46) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5221, -14.1662, 4.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 67, 46) }
```

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

```
.background{ background-color: rgb(0, 67,  
46) }
```

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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