

Converting Colors

HunterLab(21.4223, -9.6253,
6.3668)

Have a look what the booklet for
HunterLab(21.4223, -9.6253, 6.3668)
contains.

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Color

**HunterLab(21.3300, -9.5668,
6.3524)**

Conversions

Conversions Part 1

Format	Color
Hex	29422C
RGB	41, 66, 44
RGB Percent	16%, 26%, 17%
CMY	0.8392, 0.7412, 0.8274
CMYK	0.38, 0.00, 0.33, 0.74
HSL	127°, 23%, 21%
HSV	127°, 38%, 26%
XYZ	3.3173, 4.5497, 3.0862
YIQ	56.0170, -7.8380, -12.1420

Conversions

Conversions Part 2

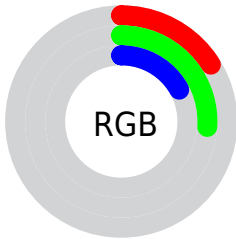
Format	Color
R_{YB}	41, 63, 66
Decimal	2703916
CIE Lab	25.41, -15.10, 10.42
CIE LCh	25, 18.344, 145.389
Yxy	4.5499, 0.3029, 0.4154
Android (android.graphics.Color)	4280893996 (0xFF29422C)
YUV	56.0170, -5.9244, -13.1699
Hunter-Lab	21.3300, -9.5668, 6.3524

Details

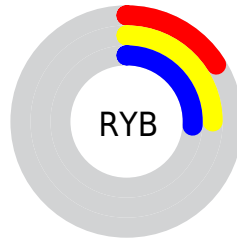
The HunterLab color **21.3300, -9.5668, 6.3524** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.6156, 9.0670, -4.8151**, and the grayscale version is **19.9139, -1.0626, 1.0820**.

A 20% lighter version of the original color is **38.4695, -12.6006, 8.5762**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.9397, -11.2907, 7.4669**, and if you desaturate by 10%, it is **21.7806, -7.6287, 5.1319**.

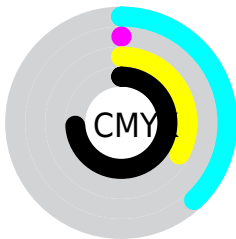
Distribution



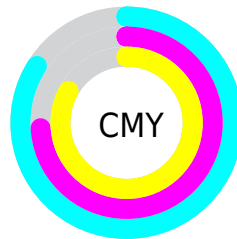
- Red (16%)
- Green (26%)
- Blue (17%)



- Red (16%)
- Yellow (25%)
- Blue (26%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (74%)



- Cyan (84%)
- Magenta (74%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3300, -9.5668, 6.3524 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 21.3300, -9.5668, 6.3524 by changing the saturation by 10% instead.

■ 21.3300, -9.5668,
6.3524

■ 21.3300, -9.5668,
6.3524

120.5771,
-22.3658, 16.8160

■ 14.0914, -7.8915,
5.0721

■ 38.5204, -12.6141,
8.7393

■ 7.7403, -8.9128,
5.4182

■ 48.3024, -14.0566,
9.8947

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.7955, -15.4694,
11.0411

0.0000, NaN, NaN

■ 69.9547, -16.8632,
12.1854

0.0000, NaN, NaN

■ 81.7422, -18.2451,
13.3323

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.1261, -19.6205,

107.0791,
-20.9930, 15.6456

21.3300, -9.5668,
6.3524

21.3300, -9.5668,
6.3524

20.9397, -11.2907,
7.4669

21.7806, -7.6287,
5.1319

20.6084, -12.7850,
8.4643

22.2895, -5.4930,
3.8166

20.3357, -14.0402,
9.3362

22.8559, -3.1797,
2.4191

20.1199, -15.0526,
10.0766

23.4780, -0.7095,
0.9518

19.9564, -15.8329,
10.6816

24.1538, 1.8971,
-0.5736

■ 19.8133, -16.5114,
11.1334

■ 24.8811, 4.6206,
-2.1459

■ 19.7837, -16.6513,
11.2175

■ 25.6573, 7.4428,
-3.7553

■ 26.4801, 10.3470,
-5.3932

■ 27.3468, 13.3188,
-7.0519

Harmonies

Analogous

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



21.3304, -5.7154, 8.6962



21.3300, -9.5668, 6.3524



21.3304, -11.1601, 1.9968

Triad

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



21.3304, -9.5672, 6.3526



21.3304, -2.0288, -12.3586



21.3304, 9.9051, 5.2289

Complementary

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



21.3300, -9.5668, 6.3524



17.6156, 9.0670, -4.8151

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.



21.3304, 11.1599, 0.2901



21.3300, -9.5668, 6.3524



21.3304, 3.8584, -10.8251

Square

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



21.3304, -9.5672, 6.3526



21.3304, -7.1138, -9.5514



21.3304, 8.8420, -5.7899



21.3304, 5.5751, 8.1794

Rectangle

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



21.3300, -9.5668, 6.3524



21.3304, -10.8658, -1.8519



21.3304, 8.8420, -5.7899



21.3304, 10.7189, 3.7899

Sweetspot

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



21.3304, -9.5672, 6.3526



29.8445, -5.3136, 3.8629



22.6191, -4.8302, 8.3543



15.1738, -2.7717, 2.0066



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.



21.3304, -9.5672, 6.3526



27.6404, -14.6847, 9.7126



21.5816, -8.1013, 2.7304



12.1018, -1.7677, 1.3317



29.2516, -24.7703, 16.9100



73.2157, -62.3982, 43.1866

Inverse Universe

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



17.6156, 9.0670, -4.8151



21.7014, 15.2425, -8.1798



17.2614, 7.3119, 0.1710



11.6381, 0.5411, -0.0570



17.8776, 34.3088, -17.0736



44.6812, 85.5882, -41.4392

Previews

White Background



This preview shows how the HunterLab color 21.3300, -9.5668, 6.3524 looks on a white background.

Color Contrast Check

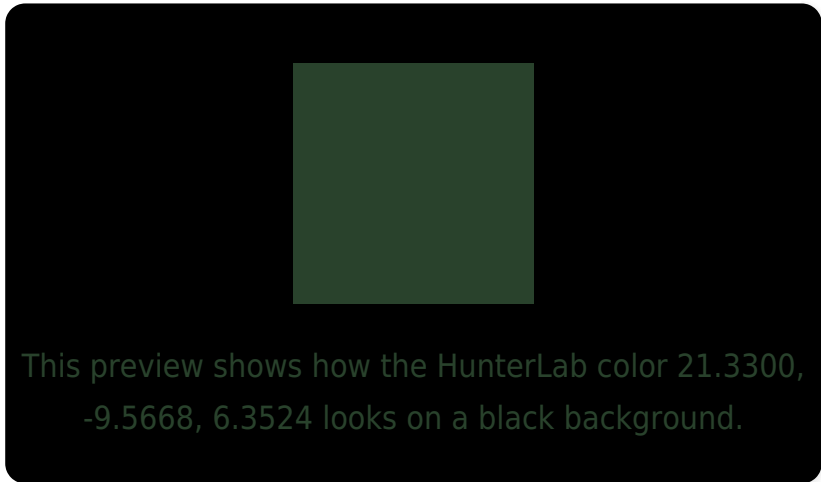
Large Text (above 18pt) WCAG AA ✓ Pass

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

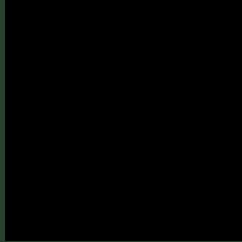
Any Text WCAG AA × Fail

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 21.3300, -9.5668, 6.3524 Background



This preview shows how black text looks on a background with the HunterLab color 21.3300, -9.5668, 6.3524.



This preview shows how white text looks on a background with the HunterLab color 21.3300, -9.5668,

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

21.3300, -9.5668, 6.3524

Protanopia

21.2500, -1.9406, 7.2070

Deuteranopia

21.3611, 1.0967, 6.0075



Tritanopia

21.3383, -4.3192, -2.1227

Trichromacy



Original Color

21.3300, -9.5668, 6.3524

Protanomaly

21.1025, -5.0280, 6.7608

Deuteranomaly

21.1840, -3.3177, 6.0470

Tritanomaly

21.2557, -6.4488, 1.4432

Monochromacy



Original Color

21.3300, -9.5668, 6.3524

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.4535, -4.3679, 3.1093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3300, -9.5668, 6.3524 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(41, 66, 44)` looks like.

```
.text, #text, p{  
    color:rgb(41, 66, 44)  
}
```

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(41, 66, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 66, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3300, -9.5668, 6.3524 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(41, 66, 44) }
```


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

```
.border{ border-color:rgb(41, 66, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 66, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 66, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 66, 44);  
box-shadow:4px 4px 4px 4px rgb(41, 66, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.3300, -9.5668, 6.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 66, 44) }
```

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

```
.background{ background-color: rgb(41, 66,  
44) }
```

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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