

Converting Colors

HunterLab(21.3337, -10.0254,
6.6885)

Have a look what the booklet for
HunterLab(21.3337, -10.0254,
6.6885) contains.

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Color

**HunterLab(21.2649, -9.8544,
6.5585)**

Conversions

Conversions Part 1

Format	Color
Hex	28422B
RGB	40, 66, 43
RGB Percent	16%, 26%, 17%
CMY	0.8431, 0.7412, 0.8314
CMYK	0.39, 0.00, 0.35, 0.74
HSL	127°, 25%, 21%
HSV	127°, 39%, 26%
XYZ	3.2593, 4.5220, 2.9865
YIQ	55.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

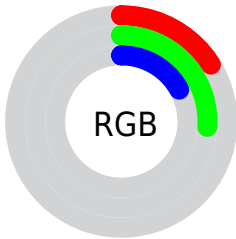
Format	Color
RYB	40, 63, 66
Decimal	2638379
CIELab	25.33, -15.69, 10.94
CIElCh	25, 19.127, 145.121
Yxy	4.5221, 0.3027, 0.4200
Android (android.graphics.Color)	4280828459 (0xFF28422B)
YUV	55.6040, -6.2138, -13.6847
Hunter-Lab	21.2649, -9.8544, 6.5585

Details

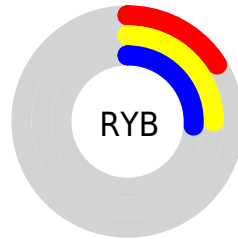
The HunterLab color **21.2649, -9.8544, 6.5585** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.4207, 9.5047, -5.1047**, and the grayscale version is **19.7742, -1.0551, 1.0744**.

A 20% lighter version of the original color is **38.3853, -12.9610, 8.8276**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.8834, -11.5458, 7.6590**, and if you desaturate by 10%, it is **21.7069, -7.9456, 5.3484**.

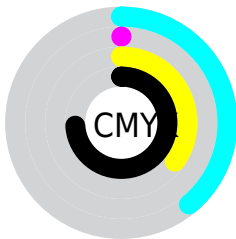
Distribution



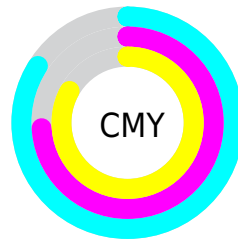
- Red (16%)
- Green (26%)
- Blue (17%)



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



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (74%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2649, -9.8544, 6.5585 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 21.2649, -9.8544, 6.5585 by changing the saturation by 10% instead.

■ 21.2649, -9.8544,
6.5585

■ 21.2649, -9.8544,
6.5585

■ 120.4611,
-22.9629, 17.2910

■ 14.0347, -8.1233,
5.2288

■ 38.4412, -12.9916,
9.0245

■ 7.6798, -9.3135,
5.3759

■ 48.2169, -14.4723,
10.2132

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.7042, -15.9203,
11.3901

0.0000, NaN, NaN

■ 69.8579, -17.3468,
12.5628

0.0000, NaN, NaN

■ 81.6402, -18.7594,
13.7362

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0193, -20.1637,

106.9676,
-21.5638, 16.0981

21.2649, -9.8544,
6.5585

21.2649, -9.8544,
6.5585

20.8834, -11.5458,
7.6590

21.7069, -7.9456,
5.3484

20.5610, -13.0050,
8.6390

22.2074, -5.8357,
4.0398

20.2971, -14.2233,
9.4906

22.7658, -3.5446,
2.6453

20.0899, -15.1980,
10.2084

23.3803, -1.0929,
1.1775

19.9323, -15.9510,
10.7873

24.0490, 1.4989,
-0.3516

■ 19.7905, -16.6219,
11.2182

■ 24.7695, 4.2108,
-1.9308

■ 19.7820, -16.6619,
11.2424

■ 25.5395, 7.0242,
-3.5496

■ 26.3565, 9.9224,
-5.1993

■ 27.2179, 12.8904,
-6.8719

Harmonies

Analogous

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



21.2653, -5.8482, 8.9316



21.2649, -9.8544, 6.5585



21.2653, -11.5208, 2.0764

Triad

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



21.2653, -9.8548, 6.5587



21.2653, -2.1152, -13.0668



21.2653, 10.4428, 5.3365

Complementary

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



21.2649, -9.8544, 6.5585



17.4207, 9.5047, -5.1047

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.



21.2653, 11.7269, 0.1957



21.2649, -9.8544, 6.5585



21.2653, 4.0264, -11.4822

Square

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



21.2653, -9.8548, 6.5587



21.2653, -7.3819, -10.0559



21.2653, 9.2628, -6.1845



21.2653, 5.9264, 8.3764

Rectangle

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



21.2649, -9.8544, 6.5585



21.2653, -11.2324, -1.9332



21.2653, 9.2628, -6.1845



21.2653, 11.2867, 3.8443

Sweetspot

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



21.2653, -9.8548, 6.5587



29.7648, -5.6404, 4.0725



22.6270, -4.8319, 8.5978



15.1383, -2.9178, 2.1013



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.



21.2653, -9.8548, 6.5587



27.5383, -15.1450, 10.0468



21.5160, -8.3884, 2.9417



12.1015, -1.7695, 1.3364



29.2498, -24.7816, 16.9368



73.2125, -62.4184, 43.2341

Inverse Universe

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



17.4207, 9.5047, -5.1047



21.3803, 16.0214, -8.6808



17.0578, 7.7171, -0.0010



11.6385, 0.5431, -0.0622



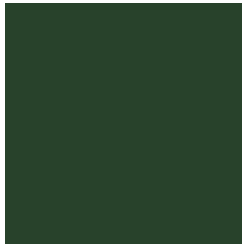
17.8977, 34.3789, -17.3389



44.7347, 85.7759, -42.1493

Previews

White Background



This preview shows how the HunterLab color 21.2649, -9.8544, 6.5585 looks on a white background.

Color Contrast Check

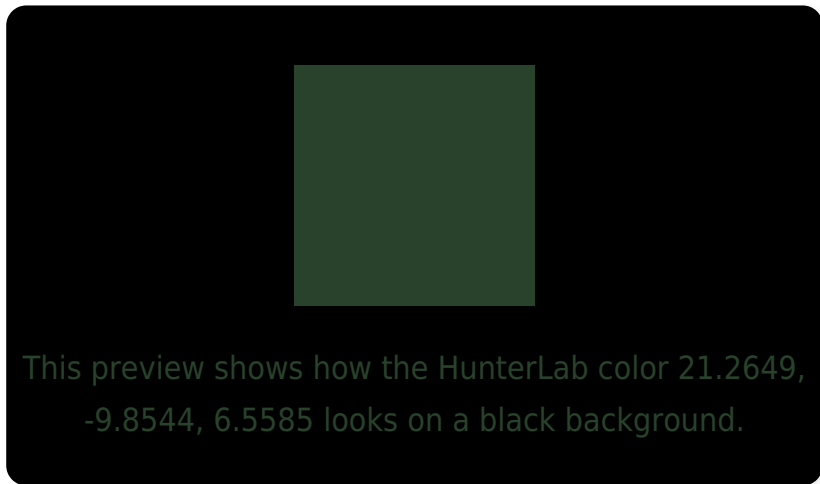
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2649, -9.8544, 6.5585 Background



This preview shows how black text looks on a background with the HunterLab color 21.2649, -9.8544, 6.5585.



This preview shows how white text looks on a background with the HunterLab color 21.2649, -9.8544,

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

21.2649, -9.8544, 6.5585

Protanopia

21.2338, -2.0301, 7.4432

Deuteranopia

21.1076, 1.4153, 6.0576



Tritanopia

21.2844, -4.5148, -2.1977

Trichromacy



Original Color

21.2649, -9.8544, 6.5585

Protanomaly

21.0858, -5.1230, 7.0045

Deuteranomaly

20.9146, -3.0255, 6.0794

Tritanomaly

21.2041, -6.6412, 1.3800

Monochromacy



Original Color

21.2649, -9.8544, 6.5585

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.3687, -4.7209, 3.3518

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2649, -9.8544, 6.5585 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(40, 66, 43)` looks like.

```
.text, #text, p{  
    color:rgb(40, 66, 43)  
}
```

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(40, 66, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 66, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2649, -9.8544, 6.5585 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(40, 66, 43) }
```


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

```
.border{ border-color:rgb(40, 66, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 66, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 66, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 66, 43);  
box-shadow:4px 4px 4px 4px rgb(40, 66, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2649, -9.8544, 6.5585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 66, 43) }
```

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

```
.background{ background-color: rgb(40, 66,  
43) }
```

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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