

Converting Colors

HunterLab(72.9763, 20.2538,
28.0019)

Have a look what the booklet for
HunterLab(72.9763, 20.2538,
28.0019) contains.

HunterLab(72.9183, 20.4270, 27.8300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(72.9183, 20.4270,
27.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE83
RGB	255, 174, 131
RGB Percent	100%, 68%, 51%
CMY	0.0000, 0.3176, 0.4863
CMYK	0.00, 0.32, 0.49, 0.00
HSL	21°, 100%, 76%
HSV	21°, 49%, 100%
XYZ	60.4728, 53.1708, 28.5485
YIQ	193.3170, 62.0790, 3.7990

Conversions

Conversions Part 2

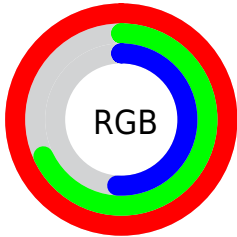
Format	Color
RYB	255, 197, 131
Decimal	16756355
CIELab	77.98, 24.97, 34.02
CIElCh	78, 42.201, 53.722
Yxy	53.1734, 0.4253, 0.3739
Android (android.graphics.Color)	4294946435 (0xFFFFAE83)
YUV	193.3170, -30.7223, 54.0960
Hunter-Lab	72.9183, 20.4270, 27.8300

Details

The HunterLab color **72.9183, 20.4270, 27.8300** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76.8958, -16.2907, -25.8488**, and the grayscale version is **73.2689, -3.9094, 3.9808**.

A 20% lighter version of the original color is **90.1745, -3.0314, 25.6959**, and **50.8635, 19.1774, 22.6033** is the 20% darker color. If you saturate the color by 10%, you get **68.2078, 27.0105, 30.7670**, and if you desaturate by 10%, it is **77.9692, 14.2869, 24.2073**.

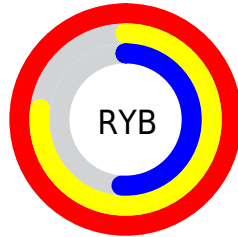
Distribution



Red (100%)

Green (68%)

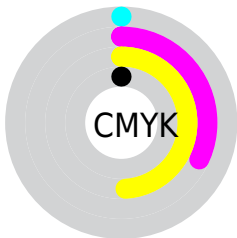
Blue (51%)



Red (100%)

Yellow (77%)

Blue (51%)

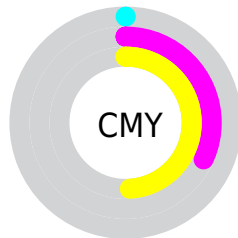


Cyan (0%)

Magenta (32%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.9183, 20.4270, 27.8300 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 72.9183, 20.4270, 27.8300 by changing the saturation by 10% instead.


 72.9183, 20.4270,
27.8300


 72.9183, 20.4270,
27.8300


199.7373, 22.3618,
48.0696


 61.5964, 19.8637,
25.3125


 97.3958, 21.2963,
32.6295

 50.9284, 19.2098,
22.6871


 110.4908, 21.6237,
34.9388

 40.9592, 18.4503,
19.9251


 124.1251, 21.8859,
37.2025

 31.7416, 17.5713,
16.9861

138.2783, 22.0876,
39.4285

 23.3429, 16.5562,
13.8148

152.9318, 22.2327,
41.6234

 15.8524, 15.3889,
11.0967

168.0693, 22.3249,

 9.3975, 14.0714,

43.7924

6.5783

183.6757, 22.3670,
45.9399

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.9183, 20.4270,
27.8300

■ 72.9183, 20.4270,
27.8300

■ 68.2078, 27.0105,
30.7670

■ 77.9692, 14.2869,
24.2073

■ 63.8741, 34.0065,
32.9092

■ 83.3173, 8.6063,
19.9965

■ 59.9633, 41.3155,
34.1602

■ 88.9311, 3.3642,
15.2870

■ 56.5190, 48.7683,
34.4610


■ 94.7816, -1.4686,
10.1539

■ 53.5753, 56.0951,

100.0000, -5.3359,

33.8836

5.4331

 53.2088, 57.0608,
33.7859

Harmonies

Analogous

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



72.9201, 34.9878, 17.2702



72.9183, 20.4270, 27.8300



72.9201, 0.3819, 31.8820

Triad

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



72.9201, 20.4234, 27.8310



72.9201, -38.4861, 7.8780



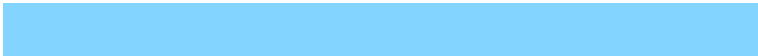
72.9201, 12.3215, -38.3724

Complementary

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



72.9183, 20.4270, 27.8300



76.8958, -16.2907, -25.8488

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.



72.9201, -8.0751, -42.8740



72.9183, 20.4270, 27.8300



72.9201, -36.0248, -12.4325

Square

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



72.9201, 20.4234, 27.8310



72.9201, -32.5208, 22.5515



72.9201, -25.3922, -32.3440



72.9201, 29.9671, -21.3211

Rectangle

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



72.9183, 20.4270, 27.8300



72.9201, -12.8418, 31.4230



72.9201, -25.3922, -32.3440



72.9201, 5.5057, -41.5660

Sweetspot

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



72.9201, 20.4234, 27.8310



91.0271, 1.5660, 13.4709



65.0623, 54.7346, -16.7218



41.5479, 1.2051, 6.7237

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.9201, 20.4234, 27.8310



68.4926, 26.5850, 30.6053



90.5176, -10.7931, 41.5223



43.6087, -0.4904, 4.9132



38.7864, 40.3488, 24.6064



12.8828, 10.5308, 8.1227

Inverse Universe

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



76.8958, -16.2907, -25.8488



73.0737, -16.3722, -32.0211



58.6466, 14.8069, -59.2483



43.9984, -3.9982, -0.2462



42.9182, -5.4212, -41.9411



14.1345, -2.8427, -11.5304

Previews

White Background



This preview shows how the HunterLab color 72.9183, 20.4270, 27.8300 looks on a white background.

Color Contrast Check

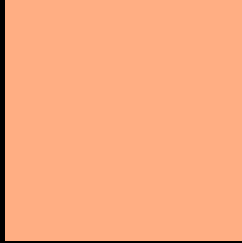
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 72.9183, 20.4270, 27.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

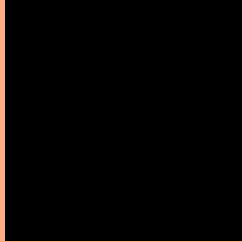
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 72.9183, 20.4270, 27.8300 Background



This preview shows how black text looks on a background with the HunterLab color 72.9183, 20.4270, 27.8300.



This preview shows how white text looks on a background with the HunterLab color 72.9183, 20.4270,

27.8300.

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

72.9183, 20.4270, 27.8300

Protanopia

73.0848, -6.4087, 25.1067

Deuteranopia

73.1018, 5.3701, 28.2942



Tritanopia

72.7820, 29.0257, 9.7438

Trichromacy



Original Color

72.9183, 20.4270, 27.8300



Protanomaly

72.7344, 2.9169, 25.8826



Deuteranomaly

72.9279, 10.6384, 27.9543



Tritanomaly

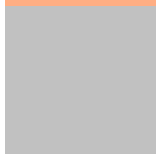
72.8218, 25.5498, 17.1082

Monochromacy



Original Color

72.9183, 20.4270, 27.8300



Achromatopsia

73.0258, -3.8965, 3.9676



Achromatomaly

72.5390, 3.8049, 13.6806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.9183, 20.4270, 27.8300 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(255, 174, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 131)  
}
```

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(255, 174, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 72.9183, 20.4270, 27.8300 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(255, 174, 131) }
```


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

```
.border{ border-color:rgb(255, 174, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.9183, 20.4270, 27.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 131) }
```

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

```
.background{ background-color: rgb(255,  
174, 131) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor