

Converting Colors

HunterLab(20.3296, -19.9480,
9.4595)

Have a look what the booklet for
HunterLab(20.3296, -19.9480,
9.4595) contains.

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Color

**HunterLab(21.0962,
-16.9023, 10.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	004619
RGB	0, 70, 25
RGB Percent	0%, 27%, 10%
CMY	1.0000, 0.7255, 0.9020
CMYK	1.00, 0.00, 0.64, 0.73
HSL	141°, 100%, 14%
HSV	141°, 100%, 27%
XYZ	2.3656, 4.4505, 1.6541
YIQ	43.9400, -27.2750, -28.8350

Conversions

Conversions Part 2

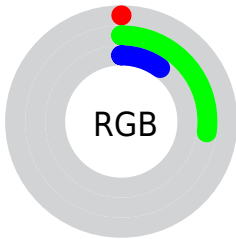
Format	Color
RYB	0, 52, 70
Decimal	17945
CIELab	25.11, -31.21, 21.34
CIELCh	25, 37.807, 145.630
Yxy	4.4507, 0.2793, 0.5254
Android (android.graphics.Color)	4278208025 (0xFF004619)
YUV	43.9400, -9.3374, -38.5354
Hunter-Lab	21.0962, -16.9023, 10.1187

Details

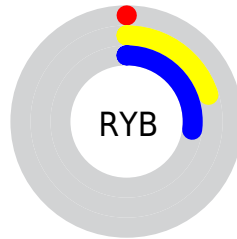
The HunterLab color **21.0962, -16.9023, 10.1187** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.2131, 22.4666, -4.1333**, and the grayscale version is **15.8871, -0.8477, 0.8632**.

A 20% lighter version of the original color is **38.1650, -22.3288, 14.1245**, and **8.5953, -7.3705, 5.1673** is the 20% darker color. If you saturate the color by 10%, you get **21.0966, -16.9026, 10.1188**, and if you desaturate by 10%, it is **21.2529, -16.1460, 9.4791**.

Distribution



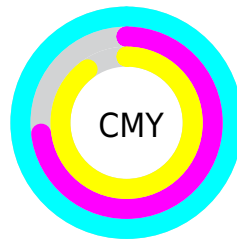
- Red (0%)
- Green (27%)
- Blue (10%)



- Red (0%)
- Yellow (20%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0962, -16.9023, 10.1187 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 21.0962, -16.9023, 10.1187 by changing the saturation by 10% instead.

■ 21.0962, -16.9023,
10.1187

■ 21.0962, -16.9023,
10.1187

■ 120.1601,
-38.3593, 26.5038

■ 13.8879, -13.6618,
8.3168

■ 38.2355, -22.4749,
14.2485

■ 7.5204, -13.1607,
5.2643

■ 47.9951, -24.9886,
16.1407

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4674, -27.3852,
17.9612

0.0000, NaN, NaN

■ 69.6069, -29.6926,
19.7294

0.0000, NaN, NaN

■ 81.3759, -31.9310,
21.4591

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.7422, -34.1146,


23.1600


0.0000, NaN, NaN


 106.6782,
-36.2546, 24.8397


 21.0962, -16.9023,
10.1187


 21.0962, -16.9023,
10.1187


 21.0966, -16.9026,
10.1188

 21.2529, -16.1460,
9.4791

 21.4228, -15.3252,
8.7436

 21.6405, -14.3010,
7.9435

 21.9130, -13.0531,
7.0900

 22.2421, -11.5842,
6.1917

■ 22.6289, -9.9019,
5.2579

■ 23.0737, -8.0184,
4.2976

■ 23.5759, -5.9487,
3.3199

■ 24.1346, -3.7100,
2.3330

Harmonies

Analogous

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



21.0966, -10.1505, 12.9592



21.0962, -16.9023, 10.1187



21.0966, -19.4555, 2.7423

Triad

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



21.0966, -16.9025, 10.1188



21.0966, -2.8442, -34.1895



21.0966, 23.7580, 8.5678

Complementary

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



21.0962, -16.9023, 10.1187



12.2131, 22.4666, -4.1333

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.



21.0966, 26.9219, -0.5806



21.0962, -16.9023, 10.1187



21.0966, 9.7263, -29.4666

Square

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



21.0966, -16.9025, 10.1188



21.0966, -12.5652, -25.9237



21.0966, 21.3099, -15.2320



21.0966, 13.4274, 12.3932

Rectangle

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



21.0962, -16.9023, 10.1187



21.0966, -18.9672, -5.6080



21.0966, 21.3099, -15.2320



21.0966, 25.7806, 6.2168

Sweetspot

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



21.0966, -16.9025, 10.1188



30.3548, -10.8967, 5.8264



22.2482, -12.5012, 13.4903



15.2837, -5.7475, 3.0645



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.0966, -16.9025, 10.1188



27.7998, -22.4436, 13.7018



21.6829, -13.3081, 1.6266



12.9032, -1.8054, 1.1703



30.2219, -24.4452, 14.9953



74.5022, -61.0349, 38.6356

Inverse Universe

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



12.2131, 22.4666, -4.1333



16.0653, 29.4786, -4.8617



11.5116, 19.9138, 5.8884



12.3600, 0.4955, 0.2102



17.4569, 32.0115, -5.1219



42.8892, 78.2800, -9.7351

Previews

White Background



This preview shows how the HunterLab color 21.0962, -16.9023, 10.1187 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

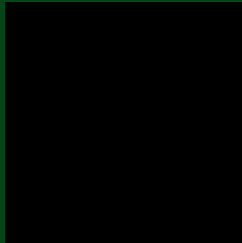
Any Text WCAG AA × Fail

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 21.0962, -16.9023, 10.1187 Background



This preview shows how black text looks on a background with the HunterLab color 21.0962, -16.9023, 10.1187.



This preview shows how white text looks on a background with the HunterLab color 21.0962,

-16.9023, 10.1187.

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

21.0962, -16.9023, 10.1187

Protanopia

21.1729, -2.6946, 10.8739

Deuteranopia

21.1443, 1.0619, 9.7882



Tritanopia

21.4435, -7.8551, -3.4066

Trichromacy



Original Color

21.0962, -16.9023, 10.1187

Protanomaly

20.5967, -10.1809, 10.1799

Deuteranomaly

20.3308, -8.3220, 9.1782

Tritanomaly

20.9982, -11.9038, 2.8763

Monochromacy



Original Color

21.0962, -16.9023, 10.1187

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

17.1075, -8.1735, 4.3325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0962, -16.9023, 10.1187 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, 70, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 25)  
}
```

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, 70, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0962, -16.9023, 10.1187 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, 70, 25) }
```


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

```
.border{ border-color:rgb(0, 70, 25) }
```

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

Here you see how a box with a 4 pixel rgb(0, 70, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 70, 25); box-shadow:4px  
4px 4px 4px rgb(0, 70, 25) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0962, -16.9023, 10.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 25) }
```

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

```
.background{ background-color: rgb(0, 70,  
25) }
```

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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