

Converting Colors

HunterLab(19.7652, -12.1083,
1.4334)

Have a look what the booklet for
HunterLab(19.7652, -12.1083,
1.4334) contains.

HunterLab(19.8321, -12.2116, 1.5729)	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(19.8321,
-12.2116, 1.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	004036
RGB	0, 64, 54
RGB Percent	0%, 25%, 21%
CMY	1.0000, 0.7490, 0.7882
CMYK	1.00, 0.00, 0.16, 0.75
HSL	171°, 100%, 13%
HSV	171°, 100%, 25%
XYZ	2.4992, 3.9331, 4.1175
YIQ	43.7240, -34.9340, -16.6780

Conversions

Conversions Part 2

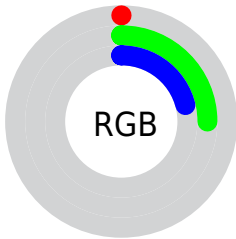
Format	Color
RYB	0, 35, 64
Decimal	16438
CIELab	23.45, -21.36, 0.89
CIELCh	23, 21.375, 177.626
Yxy	3.9333, 0.2369, 0.3728
Android (android.graphics.Color)	4278206518 (0xFF004036)
YUV	43.7240, 5.0661, -38.3459
Hunter-Lab	19.8321, -12.2116, 1.5729

Details

The HunterLab color **19.8321, -12.2116, 1.5729** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.5451, 18.2654, 5.2026**, and the grayscale version is **15.7724, -0.8416, 0.8569**.

A 20% lighter version of the original color is **36.6030, -16.1154, 2.3294**, and **7.4716, -5.3598, 2.2314** is the 20% darker color. If you saturate the color by 10%, you get **19.8324, -12.2119, 1.5732**, and if you desaturate by 10%, it is **19.9601, -11.6502, 1.3588**.

Distribution



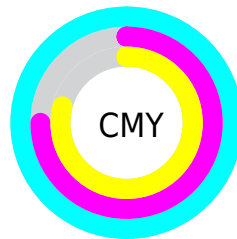
- Red (0%)
- Green (25%)
- Blue (21%)



- Red (0%)
- Yellow (14%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8321, -12.2116, 1.5729 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 19.8321, -12.2116, 1.5729 by changing the saturation by 10% instead.

■ 19.8321, -12.2116,
1.5729

■ 19.8321, -12.2116,
1.5729

■ 117.8865,
-28.3945, 7.3191

■ 12.7918, -9.8976,
1.1209

■ 36.6891, -16.2620,
2.6057

■ 6.1797, -10.8146,
0.9304

■ 46.3252, -18.1243,
3.1802

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.6827, -19.9207,
3.7905

0.0000, NaN, NaN

■ 67.7143, -21.6694,
4.4346

0.0000, NaN, NaN

■ 79.3812, -23.3831,
5.1108

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.6504, -25.0709,


5.8178


0.0000, NaN, NaN


 104.4937,
-26.7396, 6.5543

 19.8321, -12.2116,
1.5729


 19.8321, -12.2116,
1.5729


 19.8324, -12.2119,
1.5732

 19.9601, -11.6502,
1.3588

 20.0911, -11.0790,
1.1448

 20.2554, -10.3797,
0.9687

 20.4617, -9.5227,
0.8423

 20.7119, -8.5066,
0.7687

■ 21.0070, -7.3334,
0.7500

■ 21.3478, -6.0084,
0.7872

■ 21.7344, -4.5392,
0.8803

■ 22.1664, -2.9353,
1.0285

Harmonies

Analogous

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



19.8325, -10.6785, 6.5162



19.8321, -12.2116, 1.5729



19.8325, -11.0960, -5.3728

Triad

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



19.8325, -12.2117, 1.5731



19.8325, 5.1741, -12.8691



19.8325, 6.2026, 8.8076

Complementary

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



19.8321, -12.2116, 1.5729



10.5451, 18.2654, 5.2026

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.



19.8325, 11.4817, 5.9006



19.8321, -12.2116, 1.5729



19.8325, 10.8354, -6.5323

Square

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



19.8325, -12.2117, 1.5731



19.8325, -1.5822, -15.1639



19.8325, 13.2778, 0.5729



19.8325, -0.5308, 9.7493

Rectangle

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



19.8321, -12.2116, 1.5729



19.8325, -8.9072, -10.0682



19.8325, 13.2778, 0.5729



19.8325, 8.2377, 8.0868

Sweetspot

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



19.8325, -12.2117, 1.5731



28.0590, -8.1630, 1.0260



19.3283, -15.6576, 11.6357



14.6836, -4.4557, 0.5320



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.



19.8325, -12.2117, 1.5731



26.1130, -16.1723, 2.2723



14.4011, -3.1721, -11.1519



12.1547, -1.4738, 0.5763



30.2265, -18.7676, 2.7332



75.6408, -47.4526, 7.8921

Inverse Universe

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



10.5451, 18.2654, 5.2026



13.8607, 23.9493, 7.3097



12.8014, 10.9063, 8.0788



11.5827, 0.2423, 0.7323



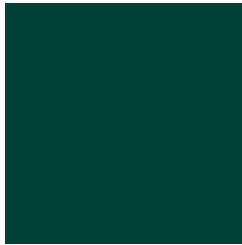
16.0337, 27.6758, 8.6735



40.0413, 68.8759, 23.5170

Previews

White Background



This preview shows how the HunterLab color 19.8321, -12.2116, 1.5729 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

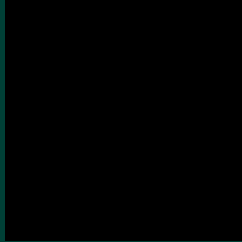
Any Text WCAG AA × Fail

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 19.8321, -12.2116, 1.5729 Background



This preview shows how black text looks on a background with the HunterLab color 19.8321, -12.2116, 1.5729.



This preview shows how white text looks on a background with the HunterLab color 19.8321,

-12.2116, 1.5729.

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

19.8321, -12.2116, 1.5729

Protanopia

19.9711, -1.0431, 3.3292

Deuteranopia

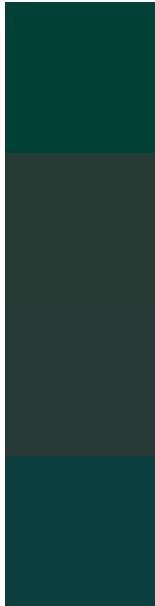
20.1048, 0.9218, 1.3711



Tritanopia

19.9477, -8.1956, -3.6352

Trichromacy



Original Color

19.8321, -12.2116, 1.5729

Protanomaly

19.4397, -6.8323, 2.3067

Deuteranomaly

19.3217, -5.7346, 0.7144

Tritanomaly

19.9348, -9.9483, -1.4451

Monochromacy



Original Color

19.8321, -12.2116, 1.5729

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.8164, -6.1168, 0.3962

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8321, -12.2116, 1.5729 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, 64, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 54)  
}
```

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, 64, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8321, -12.2116, 1.5729 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, 64, 54) }
```


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

```
.border{ border-color:rgb(0, 64, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 54); box-shadow:4px  
4px 4px 4px rgb(0, 64, 54) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.8321, -12.2116, 1.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 54) }
```

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

```
.background{ background-color: rgb(0, 64,  
54) }
```

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