

Converting Colors

HunterLab(12.5267, 4.1765,
-9.6437)

Have a look what the booklet for
HunterLab(12.5267, 4.1765, -9.6437)
contains.

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Color

**HunterLab(12.4666, 4.4973,
-10.0331)**

Conversions

Conversions Part 1

Format	Color
Hex	221E38
RGB	34, 30, 56
RGB Percent	13%, 12%, 22%
CMY	0.8667, 0.8823, 0.7804
CMYK	0.39, 0.46, 0.00, 0.78
HSL	249°, 30%, 17%
HSV	249°, 46%, 22%
XYZ	1.8378, 1.5542, 3.9445
YIQ	34.1600, -5.9620, 8.9340

Conversions

Conversions Part 2

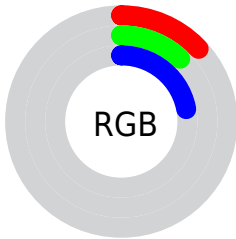
Format	Color
R_{YB}	34, 30, 56
Decimal	2235960
CIE Lab	12.95, 9.42, -16.27
CIE LCh	13, 18.798, 300.086
Yxy	1.5542, 0.2505, 0.2118
Android (android.graphics.Color)	4280426040 (0xFF221E38)
YUV	34.1600, 10.7671, -0.1403
Hunter-Lab	12.4666, 4.4973, -10.0331

Details

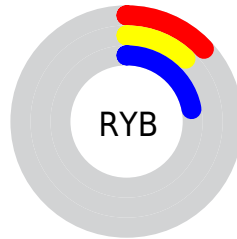
The HunterLab color **12.4666, 4.4973, -10.0331** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **19.1107, -4.8183, 7.8806**, and the grayscale version is **12.6669, -0.6759, 0.6882**.

A 20% lighter version of the original color is **27.4574, 4.7466, -10.7064**, and **1.4804, 4.0155, -10.5186** is the 20% darker color. If you saturate the color by 10%, you get **11.0476, 5.9194, -13.1682**, and if you desaturate by 10%, it is **13.9625, 3.1738, -7.2282**.

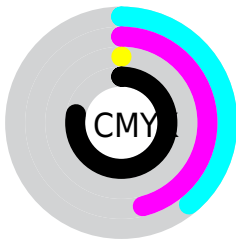
Distribution



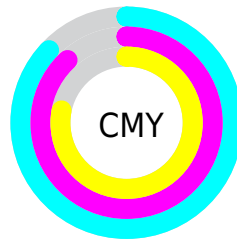
- Red (13%)
- Green (12%)
- Blue (22%)



- Red (13%)
- Yellow (12%)
- Blue (22%)



- Cyan (39%)
- Magenta (46%)
- Yellow (0%)
- Black (78%)



- Cyan (87%)
- Magenta (88%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4666, 4.4973, -10.0331 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 12.4666, 4.4973, -10.0331 by changing the saturation by 10% instead.

■ 12.4666, 4.4973,
-10.0331

■ 12.4666, 4.4973,
-10.0331

103.8371, 4.3474,
-11.5962

■ 5.7135, 6.8818,
-12.5520

■ 27.4110, 5.0497,
-10.8384

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.2263, 5.1601,
-11.1493

0.0000, NaN, NaN

■ 45.8249, 5.1850,
-11.3864

0.0000, NaN, NaN

■ 56.1475, 5.1360,
-11.5526

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1463, 5.0218,
-11.6523

0.0000, NaN, NaN

■ 78.7822, 4.8489,

0.0000, NaN, NaN

-11.6901

■ 91.0219, 4.6227,
-11.6701

■ 12.4666, 4.4973,
-10.0331

■ 12.4666, 4.4973,
-10.0331

■ 11.0476, 5.9194,
-13.1682

■ 13.9625, 3.1738,
-7.2282

■ 9.7223, 7.4524,
-16.6950

■ 15.5220, 1.9327,
-4.6928

■ 8.5148, 9.0912,
-20.6461

■ 17.1357, 0.7583,
-2.3732

■ 7.4329, 10.8653,
-25.0737

■ 18.7966, -0.3631,
-0.2255

■ 6.2888, 13.5349,
-31.1618

■ 20.4991, -1.4425,
1.7848

■ 5.8406, 14.8907,
-34.1207

■ 22.2388, -2.4888,
3.6850

■ 24.0122, -3.5092,
5.4966

■ 25.8165, -4.5092,
7.2366

■ 27.6494, -5.4934,
8.9183

Harmonies

Analogous

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



12.4668, -0.6516, -12.2699



12.4666, 4.4973, -10.0331



12.4668, 8.7490, -4.7616

Triad

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



12.4668, 4.4972, -10.0328



12.4668, 4.4686, 6.7213



12.4668, -8.8575, 0.6650

Complementary

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



12.4666, 4.4973, -10.0331



19.1107, -4.8183, 7.8806

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.



12.4668, -7.9168, 4.4208



12.4666, 4.4973, -10.0331



12.4668, -0.6801, 7.5541

Square

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



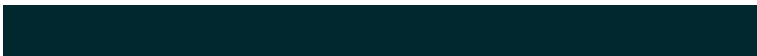
12.4668, 4.4972, -10.0328



12.4668, 8.7308, 4.4370



12.4668, -5.1051, 6.7120



12.4668, -7.9060, -4.7948

Rectangle

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



12.4666, 4.4973, -10.0331



12.4668, 10.2174, -0.9908



12.4668, -5.1051, 6.7120



12.4668, -8.7542, 2.1450

Sweetspot

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



12.4668, 4.4972, -10.0328



22.9032, 0.7402, -2.6226



17.3969, -4.9807, -2.1184



12.1664, 0.4636, -1.5345



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



12.4668, 4.4972, -10.0328



14.0910, 8.2610, -18.3950



13.4762, 7.4882, -8.0256



10.0262, -0.0828, -0.3386



9.2929, 24.1915, -58.1586



23.3795, 61.9810, -154.9902

Inverse Universe

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



14.2031, 9.2661, -4.6478



17.1124, 15.7609, -7.8946



18.3178, -7.8012, 7.1749



10.1754, 0.4056, 0.0144



16.7644, 31.9628, -14.3863



43.1660, 82.0921, -35.4326

Previews

White Background



This preview shows how the HunterLab color 12.4666, 4.4973, -10.0331 looks on a white background.

Color Contrast Check

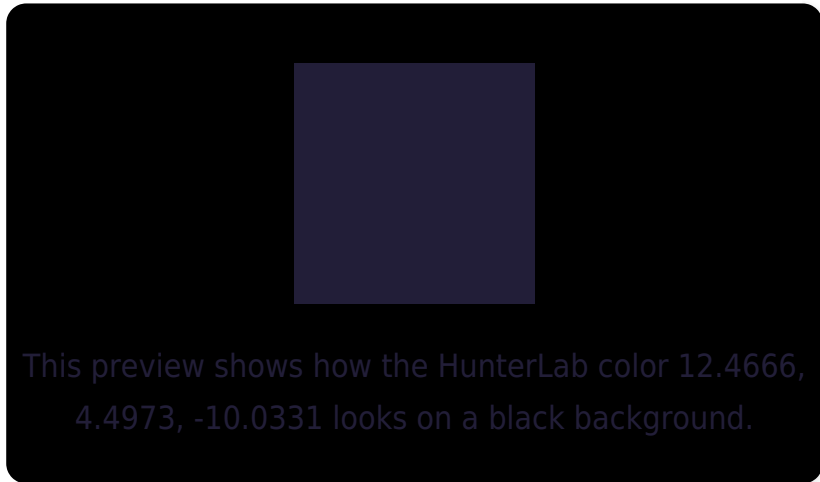
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.4666, 4.4973, -10.0331 Background



This preview shows how black text looks on a background with the HunterLab color 12.4666, 4.4973, -10.0331.



This preview shows how white text looks on a background with the HunterLab color 12.4666, 4.4973, -10.0331.

-10.0331.

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

12.4666, 4.4973, -10.0331

Protanopia

12.5461, 1.7210, -11.7927

Deuteranopia

12.5244, 0.1746, -9.3900



Tritanopia

12.4645, -1.1715, -0.6654

Trichromacy



Original Color

12.4666, 4.4973, -10.0331

Protanomaly

12.4825, 2.5549, -11.2772

Deuteranomaly

12.5308, 1.3521, -9.3566

Tritanomaly

12.4935, 0.4756, -3.6016

Monochromacy



Original Color

12.4666, 4.4973, -10.0331

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.6292, 0.8166, -2.4873

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4666, 4.4973, -10.0331 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(34, 30, 56)` looks like.

```
.text, #text, p{  
  color:rgb(34, 30, 56)  
}
```

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(34, 30, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 30, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4666, 4.4973, -10.0331 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(34, 30, 56) }
```


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

```
.border{ border-color:rgb(34, 30, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 30, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 30, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 30, 56);  
box-shadow:4px 4px 4px 4px rgb(34, 30, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4666, 4.4973, -10.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 30, 56) }
```

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

```
.background{ background-color: rgb(34, 30,  
56) }
```

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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