

Converting Colors

HunterLab(12.5312, 22.1479,
-29.7090)

Have a look what the booklet for
HunterLab(12.5312, 22.1479,
-29.7090) contains.

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Color

**HunterLab(12.4958, 22.2562,
-29.7864)**

Conversions

Conversions Part 1

Format	Color
Hex	350952
RGB	53, 9, 82
RGB Percent	21%, 4%, 32%
CMY	0.7922, 0.9647, 0.6784
CMYK	0.35, 0.89, 0.00, 0.68
HSL	276°, 80%, 18%
HSV	276°, 89%, 32%
XYZ	3.0889, 1.5615, 8.1212
YIQ	30.4780, 2.7910, 32.0310

Conversions

Conversions Part 2

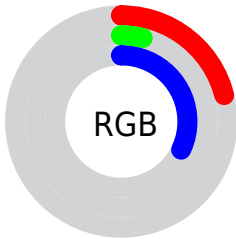
Format	Color
R_{YB}	53, 9, 82
Decimal	3475794
CIE Lab	12.99, 34.59, -34.20
CIE LCh	13, 48.640, 315.324
Yxy	1.5615, 0.2419, 0.1223
Android (android.graphics.Color)	4281665874 (0xFF350952)
YUV	30.4780, 25.4003, 19.7518
Hunter-Lab	12.4958, 22.2562, -29.7864

Details

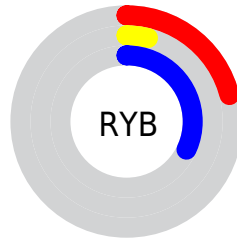
The HunterLab color **12.4958, 22.2562, -29.7864** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **25.4291, -17.3640, 14.7627**, and the grayscale version is **11.4660, -0.6118, 0.6230**.

A 20% lighter version of the original color is **27.3418, 25.4109, -30.0445**, and **3.5690, 9.6808, -25.3590** is the 20% darker color. If you saturate the color by 10%, you get **11.3938, 24.4668, -34.0901**, and if you desaturate by 10%, it is **13.6549, 20.1827, -25.8934**.

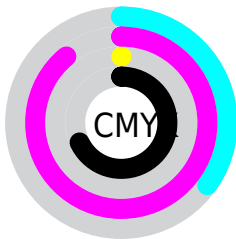
Distribution



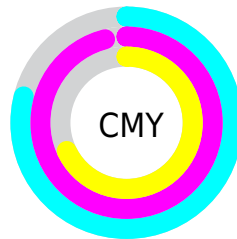
- Red (21%)
- Green (4%)
- Blue (32%)



- Red (21%)
- Yellow (4%)
- Blue (32%)



- Cyan (35%)
- Magenta (89%)
- Yellow (0%)
- Black (68%)



- Cyan (79%)
- Magenta (96%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4958, 22.2562, -29.7864 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 12.4958, 22.2562, -29.7864 by changing the saturation by 10% instead.

12.4958, 22.2562,
-29.7864

12.4958, 22.2562,
-29.7864

103.8962, 32.5699,
-33.7874

5.7570, 27.1620,
-38.0273

27.4489, 25.3682,
-29.9171

0.0000, INF, -NF

0.0000, NaN, -NF

36.2679, 26.7418,
-30.4729

0.0000, NaN, NaN

45.8700, 27.9842,
-31.0893

0.0000, NaN, NaN

56.1957, 29.1048,
-31.7057

0.0000, NaN, NaN

0.0000, NaN, NaN

67.1975, 30.1143,
-32.2941

0.0000, NaN, NaN

78.8361, 31.0227,

0.0000, NaN, NaN

-32.8407

91.0785, 31.8387,
-33.3393

12.4958, 22.2562,
-29.7864

12.4958, 22.2562,
-29.7864

11.3938, 24.4668,
-34.0901

13.6549, 20.1827,
-25.8934

11.2818, 24.7201,
-34.5670

15.0578, 17.6714,
-21.8438

16.6730, 14.9216,
-17.8517

18.4671, 12.0753,
-14.0381

20.4114, 9.2158,
-10.4489

■ 22.4819, 6.3857,
-7.0870

■ 24.6598, 3.6030,
-3.9345

■ 26.9299, 0.8719,
-0.9655

■ 29.2804, -1.8097,
1.8466

Harmonies

Analogous

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



12.4960, 6.5705, -50.0092



12.4958, 22.2562, -29.7864



12.4960, 33.4266, -6.8772

Triad

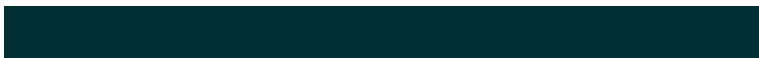
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.4960, 22.2563, -29.7858



12.4960, 6.2428, 8.7472



12.4960, -18.6958, -7.2805

Complementary

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



12.4958, 22.2562, -29.7864



25.4291, -17.3640, 14.7627

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.



12.4960, -18.7455, 5.4035



12.4958, 22.2562, -29.7864



12.4960, -6.5596, 8.7472

Square

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



12.4960, 22.2563, -29.7858



12.4960, 21.9343, 8.7472



12.4960, -14.3986, 8.7472



12.4960, -14.2629, -30.3225

Rectangle

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



12.4958, 22.2562, -29.7864



12.4960, 34.7652, 2.6738



12.4960, -14.3986, 8.7472



12.4960, -19.2257, -1.7080

Sweetspot

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



12.4960, 22.2563, -29.7858



30.0072, 8.0424, -8.9075



14.3748, 3.8415, -24.0001



14.6538, 4.3127, -4.7926



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



12.4960, 22.2563, -29.7858



14.7388, 32.4571, -46.4164



15.7897, 27.0512, -14.5908



13.7816, 0.4024, -0.4473



14.3807, 31.6552, -45.1867



33.7536, 75.0730, -112.0543

Inverse Universe

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



14.5917, 22.5063, 1.9346



18.1744, 32.0657, 4.4464



24.7608, -20.0771, 13.7038



13.8392, 0.4781, 0.5559



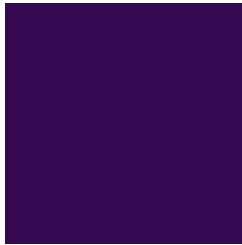
17.7198, 31.2703, 4.2830



42.3557, 74.3672, 13.1697

Previews

White Background



This preview shows how the HunterLab color 12.4958, 22.2562, -29.7864 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

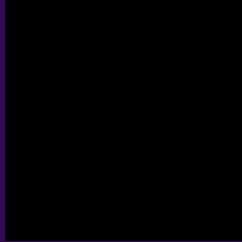
Any Text WCAG AA × Fail

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 12.4958, 22.2562, -29.7864 Background



This preview shows how black text looks on a background with the HunterLab color 12.4958, 22.2562, -29.7864.



This preview shows how white text looks on a background with the HunterLab color 12.4958, 22.2562, -29.7864.

-29.7864.

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

12.4958, 22.2562, -29.7864

Protanopia

12.9734, 2.1124, -20.7757

Deuteranopia

12.9693, -1.2423, -13.5286



Tritanopia

13.2081, 2.3732, 1.0424

Trichromacy



Original Color

12.4958, 22.2562, -29.7864

Protanomaly

11.8281, 8.6149, -26.8346

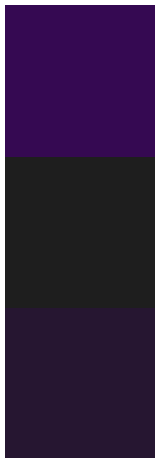
Deuteranomaly

11.6812, 6.5437, -22.0977

Tritanomaly

12.2700, 9.3503, -7.9741

Monochromacy



Original Color

12.4958, 22.2562, -29.7864

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

10.9893, 7.4175, -8.7758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4958, 22.2562, -29.7864 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(53, 9, 82)` looks like.

```
.text, #text, p{  
    color:rgb(53, 9, 82)  
}
```

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(53, 9, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 9, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4958, 22.2562, -29.7864 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(53, 9, 82) }
```


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

```
.border{ border-color:rgb(53, 9, 82) }
```

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

Here you see how a box with a 4 pixel rgb(53, 9, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 9, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(53, 9, 82); box-shadow:4px  
4px 4px 4px rgb(53, 9, 82) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4958, 22.2562, -29.7864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 9, 82) }
```

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

```
.background{ background-color: rgb(53, 9,  
82) }
```

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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