

Converting Colors

HunterLab(23.4103, -5.9067,
-34.1734)

Have a look what the booklet for
HunterLab(23.4103, -5.9067,
-34.1734) contains.

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Color

**HunterLab(24.9406, -0.5563,
-29.9727)**

Conversions

Conversions Part 1

Format	Color
Hex	00497C
RGB	0, 73, 124
RGB Percent	0%, 29%, 49%
CMY	0.9999, 0.7137, 0.5137
CMYK	1.00, 0.41, 0.00, 0.51
HSL	205°, 100%, 24%
HSV	205°, 100%, 49%
XYZ	6.0206, 6.2203, 19.9521
YIQ	56.9870, -59.8790, 0.3850

Conversions

Conversions Part 2

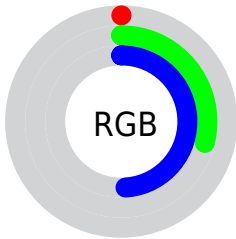
Format	Color
RYB	0, 46, 124
Decimal	18812
CIELab	29.96, 1.20, -34.35
CIELCh	30, 34.375, 272.008
Yxy	6.2205, 0.1870, 0.1932
Android (android.graphics.Color)	4278208892 (0xFF00497C)
YUV	56.9870, 33.0374, -49.9776
Hunter-Lab	24.9406, -0.5563, -29.9727

Details

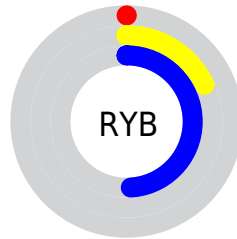
The HunterLab color **24.9406, -0.5563, -29.9727** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.7956, 20.5737, 16.2543**, and the grayscale version is **20.1302, -1.0741, 1.0937**.

A 20% lighter version of the original color is **42.8310, -1.2935, -31.2094**, and **11.9856, 4.8535, -25.4583** is the 20% darker color. If you saturate the color by 10%, you get **24.9391, -0.5536, -29.9766**, and if you desaturate by 10%, it is **26.4568, -2.2614, -26.4707**.

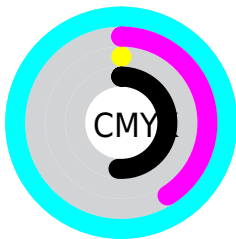
Distribution



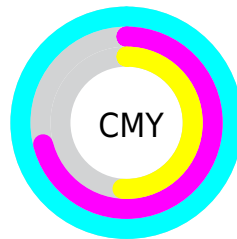
- Red (0%)
- Green (29%)
- Blue (49%)



- Red (0%)
- Yellow (18%)
- Blue (49%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (71%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9406, -0.5563, -29.9727 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 24.9406, -0.5563, -29.9727 by changing the saturation by 10% instead.

■ 24.9406, -0.5563,
-29.9727

■ 24.9406, -0.5563,
-29.9727

■ 126.8937, -5.4476,
-34.6441

■ 17.2616, -0.2341,
-29.7410

■ 42.8800, -1.3619,
-31.0923

■ 10.5882, 0.0207,
-30.3301

■ 52.9918, -1.8347,
-31.7143

0.0000, INF, -NF

■ 63.7931, -2.3485,
-32.3156

0.0000, NaN, -NF

■ 75.2425, -2.9005,
-32.8789

0.0000, NaN, NaN

■ 87.3050, -3.4883,
-33.3959

0.0000, NaN, NaN

■ 99.9511, -4.1098,

0.0000, NaN, NaN

0.0000, NaN, NaN

-33.8630

0.0000, NaN, NaN

113.1548, -4.7634,
-34.2790

24.9406, -0.5563,
-29.9727

24.9406, -0.5563,
-29.9727

24.9391, -0.5536,
-29.9766

26.4568, -2.2614,
-26.4707

28.0661, -3.6848,
-23.0538

29.8023, -4.6969,
-19.6547

31.6596, -5.3127,
-16.2956

33.6301, -5.5593,
-12.9933

■ 35.7055, -5.4691,
-9.7587

■ 37.8775, -5.0760,
-6.5977

■ 40.1383, -4.4127,
-3.5117

■ 42.4808, -3.5096,
-0.4993

Harmonies

Analogous

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



24.9410, -10.8511, -25.1357



24.9406, -0.5563, -29.9727



24.9410, 11.4491, -23.7469

Triad

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



24.9410, -0.5558, -29.9721



24.9410, 20.2286, 10.1057



24.9410, -17.9538, 9.3256

Complementary

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



24.9406, -0.5563, -29.9727



25.7956, 20.5737, 16.2543

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.



24.9410, -11.9660, 13.3910



24.9406, -0.5563, -29.9727



24.9410, 9.8707, 13.6774

Square

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



24.9410, -0.5558, -29.9721



24.9410, 24.7184, 2.0806



24.9410, -2.0991, 14.5317



24.9410, -19.7484, 0.6123

Rectangle

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



24.9406, -0.5563, -29.9727



24.9410, 18.5085, -15.2905



24.9410, -2.0991, 14.5317



24.9410, -16.4254, 11.1180

Sweetspot

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



24.9410, -0.5558, -29.9721



50.0339, -6.7839, -9.0526



38.2654, -30.6948, 18.4342



23.7891, -3.3966, -5.0977



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



24.9410, -0.5558, -29.9721



32.6616, -0.0162, -40.7891



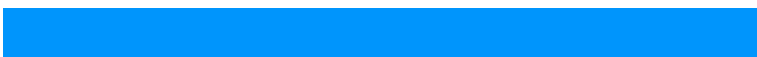
13.1470, 28.2449, -77.4010



20.6130, -1.6481, -0.1073



25.1347, -0.5405, -30.2494



53.3178, 1.5306, -69.9466

Inverse Universe

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



21.8323, 39.5879, -2.9722



28.9122, 52.3436, -3.2596



39.7314, -6.3510, 24.3705



20.1269, 1.0333, 0.3582



22.0105, 39.9126, -2.9781



47.8926, 86.5221, -3.9716

Previews

White Background



This preview shows how the HunterLab color 24.9406, -0.5563, -29.9727 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



This preview shows how the HunterLab color 24.9406, -0.5563, -29.9727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

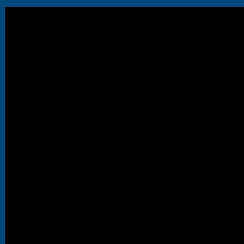
Any Text WCAG AA × Fail

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 24.9406, -0.5563, -29.9727 Background



This preview shows how black text looks on a background with the HunterLab color 24.9406, -0.5563, -29.9727.



This preview shows how white text looks on a background with the HunterLab color 24.9406, -0.5563, -29.9727.

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

24.9406, -0.5563, -29.9727

Protanopia

25.0305, 4.5817, -26.5863

Deuteranopia

25.1189, 1.3899, -29.5070



Tritanopia

24.9641, -12.2530, -4.7522

Trichromacy



Original Color

24.9406, -0.5563, -29.9727

Protanomaly

24.6010, 1.9808, -28.4023

Deuteranomaly

24.9181, 0.7109, -30.0052

Tritanomaly

24.9171, -8.4594, -12.8827

Monochromacy



Original Color

24.9406, -0.5563, -29.9727

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

21.2701, -3.7361, -8.6583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9406, -0.5563, -29.9727 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, 73, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 124)  
}
```

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, 73, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9406, -0.5563, -29.9727 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, 73, 124) }
```


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

```
.border{ border-color:rgb(0, 73, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 73, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 73, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 73, 124)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.9406, -0.5563, -29.9727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 124) }
```

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

```
.background{ background-color: rgb(0, 73,  
124) }
```

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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