

Converting Colors

HunterLab(27.6225, -21.4936,
-19.0427)

Have a look what the booklet for
HunterLab(27.6225, -21.4936,
-19.0427) contains.

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Color

**HunterLab(30.1491,
-10.9216, -14.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	005D74
RGB	0, 93, 116
RGB Percent	0%, 36%, 45%
CMY	0.9999, 0.6353, 0.5451
CMYK	1.00, 0.20, 0.00, 0.55
HSL	192°, 100%, 23%
HSV	192°, 100%, 45%
XYZ	7.0668, 9.0897, 17.9051
YIQ	67.8150, -62.8110, -12.5630

Conversions

Conversions Part 2

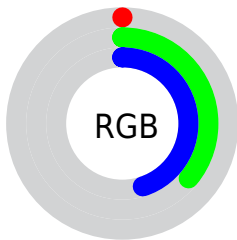
Format	Color
RYB	0, 52, 116
Decimal	23924
CIELab	36.16, -14.56, -19.65
CIELCh	36, 24.457, 233.451
Yxy	9.0900, 0.2075, 0.2669
Android (android.graphics.Color)	4278214004 (0xFF005D74)
YUV	67.8150, 23.7552, -59.4738
Hunter-Lab	30.1491, -10.9216, -14.1070

Details

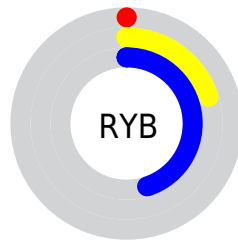
The HunterLab color **30.1491, -10.9216, -14.1070** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20.8001, 28.0425, 13.3066**, and the grayscale version is **23.9145, -1.2760, 1.2993**.

A 20% lighter version of the original color is **48.9162, -13.6636, -14.9995**, and **15.6537, -3.9048, -11.1364** is the 20% darker color. If you saturate the color by 10%, you get **30.1486, -10.9209, -14.1081**, and if you desaturate by 10%, it is **30.9439, -11.3602, -12.7907**.

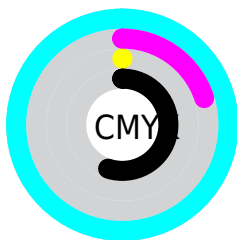
Distribution



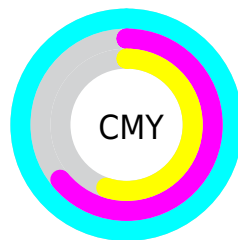
- Red (0%)
- Green (36%)
- Blue (45%)



- Red (0%)
- Yellow (20%)
- Blue (45%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (64%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1491, -10.9216, -14.1070 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 30.1491, -10.9216, -14.1070 by changing the saturation by 10% instead.

30.1491, -10.9216,
-14.1070

30.1491, -10.9216,
-14.1070

135.6642,
-23.2712, -15.4103

21.9087, -9.4105,
-13.6564

49.0604, -13.7743,
-14.8292

14.5957, -7.7940,
-13.1916

59.6046, -15.1543,
-15.0903

8.2560, -8.1278,
-13.1428

70.8118, -16.5179,
-15.2866

0.0000, NaN, -NF

0.0000, NaN, NaN

82.6447, -17.8719,
-15.4212

0.0000, NaN, NaN

95.0720, -19.2211,
-15.4976

0.0000, NaN, NaN

0.0000, NaN, NaN

108.0664,

-20.5689, -15.5193

0.0000, NaN, NaN

121.6041,
-21.9183, -15.4893

30.1491, -10.9216,
-14.1070

30.1491, -10.9216,
-14.1070

30.1486, -10.9209,
-14.1081

30.9439, -11.3602,
-12.7907

31.7910, -11.6075,
-11.4294

32.7271, -11.5276,
-9.9698

33.7551, -11.1126,
-8.4175

34.8756, -10.3659,
-6.7815

■ 36.0875, -9.2993,
-5.0727

■ 37.3886, -7.9305,
-3.3023

■ 38.7757, -6.2803,
-1.4814

■ 40.2452, -4.3714,
0.3801

Harmonies

Analogous

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



30.1496, -15.4475, -5.3874



30.1491, -10.9216, -14.1070



30.1496, -3.4907, -18.7820

Triad

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



30.1496, -10.9214, -14.1065



30.1496, 16.8314, -0.2268



30.1496, -7.9704, 12.8771

Complementary

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



30.1491, -10.9216, -14.1070



20.8001, 28.0425, 13.3066

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.



30.1496, 0.3173, 13.5390



30.1491, -10.9216, -14.1070



30.1496, 15.2837, 7.3016

Square

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



30.1496, -10.9214, -14.1065



30.1496, 13.0067, -9.4299



30.1496, 8.9888, 11.8142



30.1496, -13.8833, 9.6490

Rectangle

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



30.1491, -10.9216, -14.1070



30.1496, 2.3720, -18.2488



30.1496, 8.9888, 11.8142



30.1496, -5.3961, 13.3607

Sweetspot

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



30.1496, -10.9214, -14.1065



49.4332, -10.6682, -4.5621



35.4207, -29.8163, 20.0937



23.8583, -5.5230, -2.6144



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



30.1496, -10.9214, -14.1065



39.7470, -14.1746, -19.0814



16.0259, 14.3492, -51.0036



20.0944, -2.0793, 0.2772



31.8976, -11.5145, -15.0126



69.5449, -24.2358, -34.6070

Inverse Universe

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



21.2219, 40.0634, -15.1551



28.1032, 53.0062, -19.6586



30.5685, 5.0052, 18.9230



19.3548, 1.1471, -0.1074



22.4747, 42.4230, -15.9764



49.4893, 93.2107, -33.5927

Previews

White Background



This preview shows how the HunterLab color 30.1491, -10.9216, -14.1070 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 30.1491, -10.9216, -14.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

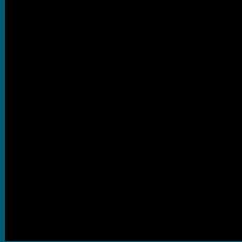
Any Text WCAG AA × Fail

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 30.1491, -10.9216, -14.1070 Background



This preview shows how black text looks on a background with the HunterLab color 30.1491, -10.9216, -14.1070.



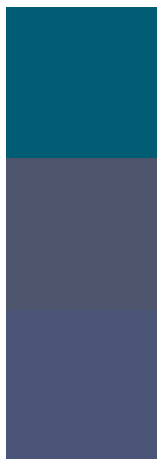
This preview shows how white text looks on a background with the HunterLab color 30.1491, -10.9216, -14.1070.

-10.9216, -14.1070.

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

30.1491, -10.9216, -14.1070

Protanopia

30.1779, 1.3404, -9.8061

Deuteranopia

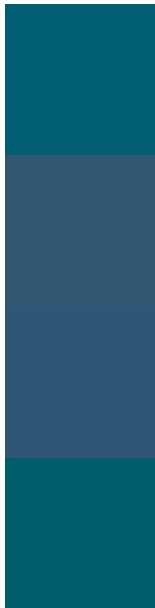
30.1737, 2.0019, -15.0506



Tritanopia

30.2386, -14.6039, -6.2700

Trichromacy



Original Color

30.1491, -10.9216, -14.1070

Protanomaly

29.4353, -5.1318, -12.8289

Deuteranomaly

29.5044, -4.4953, -15.7179

Tritanomaly

30.1114, -13.2349, -9.0662

Monochromacy



Original Color

30.1491, -10.9216, -14.1070

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.4504, -7.4372, -4.4694

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1491, -10.9216, -14.1070 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, 93, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 116)  
}
```

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, 93, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1491, -10.9216, -14.1070 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, 93, 116) }
```


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

```
.border{ border-color:rgb(0, 93, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 93, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 116)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1491, -10.9216, -14.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 116) }
```

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

```
.background{ background-color: rgb(0, 93,  
116) }
```

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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