

Converting Colors

HunterLab(21.8429, -19.9184,
-28.8660)

Have a look what the booklet for
HunterLab(21.8429, -19.9184,
-28.8660) contains.

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Color

**HunterLab(25.4511, -5.4150,
-20.1223)**

Conversions

Conversions Part 1

Format	Color
Hex	004D70
RGB	0, 77, 112
RGB Percent	0%, 30%, 44%
CMY	1.0000, 0.6980, 0.5608
CMYK	1.00, 0.31, 0.00, 0.56
HSL	199°, 100%, 22%
HSV	199°, 100%, 44%
XYZ	5.5785, 6.4776, 16.2855
YIQ	57.9670, -57.1270, -5.4390

Conversions

Conversions Part 2

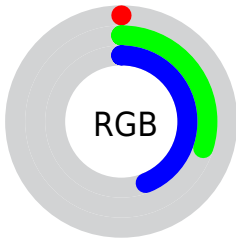
Format	Color
RYB	0, 46, 112
Decimal	19824
CIELab	30.59, -6.49, -25.84
CIELCh	31, 26.645, 255.894
Yxy	6.4778, 0.1968, 0.2286
Android (android.graphics.Color)	4278209904 (0xFF004D70)
YUV	57.9670, 26.6383, -50.8371
Hunter-Lab	25.4511, -5.4150, -20.1223

Details

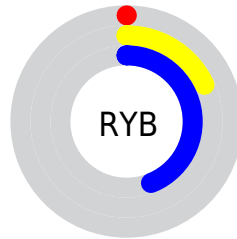
The HunterLab color **25.4511, -5.4150, -20.1223** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.5581, 22.5808, 13.6784**, and the grayscale version is **20.4855, -1.0931, 1.1130**.

A 20% lighter version of the original color is **43.5658, -7.2662, -21.0807**, and **12.0743, 0.5910, -16.3676** is the 20% darker color. If you saturate the color by 10%, you get **25.4503, -5.4137, -20.1241**, and if you desaturate by 10%, it is **26.5583, -6.3458, -17.9679**.

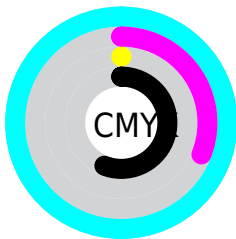
Distribution



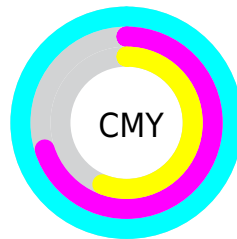
- Red (0%)
- Green (30%)
- Blue (44%)



- Red (0%)
- Yellow (18%)
- Blue (44%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.4511, -5.4150, -20.1223 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 25.4511, -5.4150, -20.1223 by changing the saturation by 10% instead.

25.4511, -5.4150,
-20.1223

25.4511, -5.4150,
-20.1223

127.7698,
-13.9187, -23.2872

17.7136, -4.5079,
-19.6325

43.4910, -7.2189,
-21.1793

10.9729, -3.5749,
-19.4052

53.6473, -8.1318,
-21.6513

2.5498, -4.4621,
-49.2785

64.4902, -9.0570,
-22.0674

0.0000, NaN, -NF

0.0000, NaN, NaN

75.9789, -9.9966,
-22.4247

0.0000, NaN, NaN

88.0787, -10.9519,
-22.7235

0.0000, NaN, NaN

100.7603,

0.0000, NaN, NaN

-11.9237, -22.9654

0.0000, NaN, NaN

■ 113.9982,
-12.9125, -23.1525

■ 25.4511, -5.4150,
-20.1223

■ 25.4511, -5.4150,
-20.1223

■ 25.4503, -5.4137,
-20.1241

■ 26.5583, -6.3458,
-17.9679

■ 27.7237, -7.0837,
-15.8242

■ 28.9850, -7.4885,
-13.6274

■ 30.3414, -7.5636,
-11.3911

■ 31.7900, -7.3226,
-9.1294

■ 33.3265, -6.7855,
-6.8551

■ 34.9462, -5.9753,
-4.5788

■ 36.6442, -4.9164,
-2.3088

■ 38.4154, -3.6324,
-0.0514

Harmonies

Analogous

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



25.4515, -12.2519, -13.3743



25.4511, -5.4150, -20.1223



25.4515, 3.5209, -19.8916

Triad

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



25.4515, -5.4147, -20.1218



25.4515, 17.3718, 5.4688



25.4515, -12.5632, 10.3405

Complementary

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



25.4511, -5.4150, -20.1223



21.5581, 22.5808, 13.6784

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.



25.4515, -5.8976, 12.6278



25.4511, -5.4150, -20.1223



25.4515, 11.7427, 10.5518

Square

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



25.4515, -5.4147, -20.1218



25.4515, 17.5484, -2.9306



25.4515, 2.9668, 12.6888



25.4515, -15.9766, 5.0570

Rectangle

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



25.4511, -5.4150, -20.1223



25.4515, 9.5224, -15.7394



25.4515, 2.9668, 12.6888



25.4515, -10.6733, 11.3908

Sweetspot

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



25.4515, -5.4147, -20.1218



46.1436, -8.0179, -6.3090



34.2078, -28.1508, 18.0139



22.2693, -4.1160, -3.5749



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



25.4515, -5.4147, -20.1218



33.3990, -6.6722, -27.3424



13.2648, 20.1119, -59.9924



19.0994, -1.7292, 0.0845



27.2883, -5.7066, -21.7891



59.5850, -10.7297, -51.3138

Inverse Universe

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



19.9521, 36.8507, -7.9252



26.4012, 48.6922, -9.9119



32.6960, -0.9593, 20.1297



18.5380, 0.9916, 0.1412



21.4419, 39.5890, -8.3854



47.6884, 87.7573, -16.3888

Previews

White Background



This preview shows how the HunterLab color 25.4511, -5.4150, -20.1223 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 25.4511, -5.4150, -20.1223 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 25.4511, -5.4150, -20.1223 Background



This preview shows how black text looks on a background with the HunterLab color 25.4511, -5.4150, -20.1223.



This preview shows how white text looks on a background with the HunterLab color 25.4511, -5.4150, -20.1223.

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

25.4511, -5.4150, -20.1223

Protanopia

25.5513, 2.5841, -16.4872

Deuteranopia

25.5554, 1.8196, -20.4668



Tritanopia

25.3164, -12.2342, -5.2332

Trichromacy



Original Color

25.4511, -5.4150, -20.1223

Protanomaly

25.0625, -1.5379, -18.8103

Deuteranomaly

25.2921, -1.7388, -21.0687

Tritanomaly

25.3341, -10.0812, -9.9031

Monochromacy



Original Color

25.4511, -5.4150, -20.1223

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.7347, -4.9518, -6.3558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.4511, -5.4150, -20.1223 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, 77, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 112)  
}
```

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, 77, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 25.4511, -5.4150, -20.1223 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, 77, 112) }
```


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

```
.border{ border-color:rgb(0, 77, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 77, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 112)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.4511, -5.4150, -20.1223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 112) }
```

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

```
.background{ background-color: rgb(0, 77,  
112) }
```

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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