

Converting Colors

HunterLab(20.0790, -6.7391,
-37.4911)

Have a look what the booklet for
HunterLab(20.0790, -6.7391,
-37.4911) contains.

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Color

**HunterLab(22.2512, 1.5259,
-31.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	004075
RGB	0, 64, 117
RGB Percent	0%, 25%, 46%
CMY	0.9999, 0.7490, 0.5412
CMYK	1.00, 0.45, 0.00, 0.54
HSL	207°, 100%, 23%
HSV	207°, 100%, 46%
XYZ	5.0443, 4.9512, 17.5195
YIQ	50.9060, -55.1570, 2.9150

Conversions

Conversions Part 2

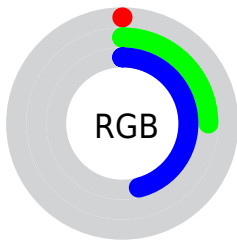
Format	Color
R_{YB}	0, 41, 117
Decimal	16501
CIE _{Lab}	26.60, 4.30, -35.34
CIE _{LCh}	27, 35.601, 276.937
Yxy	4.9513, 0.1833, 0.1799
Android (android.graphics.Color)	4278206581 (0xFF004075)
YUV	50.9060, 32.5843, -44.6446
Hunter-Lab	22.2512, 1.5259, -31.1061

Details

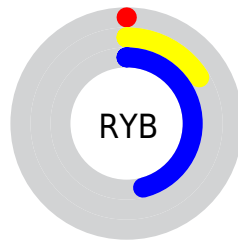
The HunterLab color **22.2512, 1.5259, -31.1061** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.1583, 17.0615, 15.8002**, and the grayscale version is **18.0720, -0.9643, 0.9819**.

A 20% lighter version of the original color is **39.6076, 1.3870, -32.4984**, and **9.9558, 6.4287, -26.3216** is the 20% darker color. If you saturate the color by 10%, you get **22.2498, 1.5285, -31.1100**, and if you desaturate by 10%, it is **23.7779, -0.2834, -27.3181**.

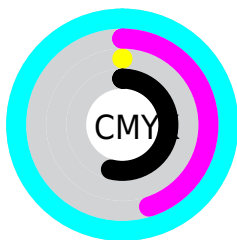
Distribution



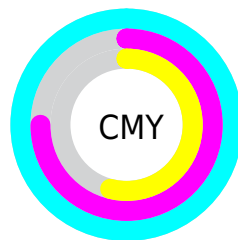
- Red (0%)
- Green (25%)
- Blue (46%)



- Red (0%)
- Yellow (16%)
- Blue (46%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (75%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.2512, 1.5259, -31.1061 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 22.2512, 1.5259, -31.1061 by changing the saturation by 10% instead.

■ 22.2512, 1.5259,
-31.1061

■ 22.2512, 1.5259,
-31.1061

■ 122.2099, -1.8124,
-35.8827

■ 14.8954, 1.5964,
-31.1281

■ 39.6395, 1.1496,
-32.1112

■ 8.5450, 1.7363,
-32.7503

■ 49.5083, 0.8661,
-32.7406

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 60.0825, 0.5291,
-33.3652

0.0000, NaN, NaN

■ 71.3179, 0.1437,
-33.9604

0.0000, NaN, NaN

■ 83.1775, -0.2861,
-34.5140

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.6302, -0.7571,

-35.0202

0.0000, NaN, NaN

108.6489, -1.2666,
-35.4767

22.2512, 1.5259,
-31.1061

22.2512, 1.5259,
-31.1061

22.2498, 1.5285,
-31.1100

23.7779, -0.2834,
-27.3181

25.3963, -1.8297,
-23.6736

27.1417, -2.9782,
-20.0916

29.0056, -3.7489,
-16.5940

30.9789, -4.1725,
-13.1942

■ 33.0522, -4.2831,
-9.8982

■ 35.2165, -4.1154,
-6.7061

■ 37.4640, -3.7015,
-3.6143

■ 39.7872, -3.0709,
-0.6165

Harmonies

Analogous

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



22.2515, -9.1543, -27.8564



22.2512, 1.5259, -31.1061



22.2515, 13.6057, -22.7914

Triad

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



22.2515, 1.5265, -31.1056



22.2515, 19.2252, 10.4631



22.2515, -18.0033, 7.9391

Complementary

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



22.2512, 1.5259, -31.1061



25.1583, 17.0615, 15.8002

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.



22.2515, -12.9072, 12.2746



22.2512, 1.5259, -31.1061



22.2515, 8.0843, 13.1359

Square

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



22.2515, 1.5265, -31.1056



22.2515, 25.0763, 3.5895



22.2515, -3.7792, 13.6174



22.2515, -19.0612, -1.4625

Rectangle

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



22.2512, 1.5259, -31.1061



22.2515, 20.3686, -13.4654



22.2515, -3.7792, 13.6174



22.2515, -16.7640, 9.8597

Sweetspot

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



22.2515, 1.5265, -31.1056



46.8937, -5.5372, -9.3049



36.0232, -28.3730, 16.2247



22.0231, -2.7047, -5.1308



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.



22.2515, 1.5265, -31.1056



29.3117, 2.8769, -42.8474



11.8816, 28.4041, -76.1633



19.7253, -1.4793, -0.1656



23.2877, 1.7238, -32.8289



49.6969, 6.9217, -77.0586

Inverse Universe

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



20.3774, 36.7099, -0.9140



27.2167, 48.9430, -0.5034



38.9665, -8.4697, 23.8621



19.3164, 0.9410, 0.4381



21.3810, 38.5079, -0.8536



47.0134, 84.3344, 0.7480

Previews

White Background



This preview shows how the HunterLab color 22.2512, 1.5259, -31.1061 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 22.2512, 1.5259, -31.1061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

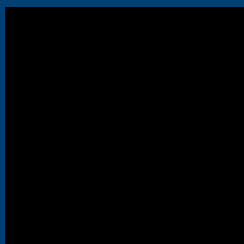
Any Text WCAG AA × Fail

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 22.2512, 1.5259, -31.1061 Background



This preview shows how black text looks on a background with the HunterLab color 22.2512, 1.5259, -31.1061.



This preview shows how white text looks on a background with the HunterLab color 22.2512, 1.5259, -31.1061.

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

22.2512, 1.5259, -31.1061

Protanopia

22.5724, 4.9128, -28.6085

Deuteranopia

22.3506, 0.2397, -28.4537



Tritanopia

22.1095, -10.7563, -4.4152

Trichromacy



Original Color

22.2512, 1.5259, -31.1061

Protanomaly

22.3834, 3.1473, -29.9191

Deuteranomaly

22.4018, 0.5164, -29.1151

Tritanomaly

22.0736, -6.9893, -12.5022

Monochromacy



Original Color

22.2512, 1.5259, -31.1061

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

19.0878, -2.7320, -8.9627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.2512, 1.5259, -31.1061 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, 64, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 117)  
}
```

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, 64, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 22.2512, 1.5259, -31.1061 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, 64, 117) }
```


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

```
.border{ border-color:rgb(0, 64, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 64, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 64, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 64, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.2512, 1.5259, -31.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 117) }
```

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

```
.background{ background-color: rgb(0, 64,  
117) }
```

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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