

Converting Colors

HunterLab(23.6774, -23.2370,
14.0130)

Have a look what the booklet for
HunterLab(23.6774, -23.2370,
14.0130) contains.

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Color

**HunterLab(24.2678,
-20.7451, 14.4502)**

Conversions

Conversions Part 1	
Format	Color
Hex	005102
RGB	0, 81, 2
RGB Percent	0%, 32%, 1%
CMY	1.0000, 0.6823, 0.9921
CMYK	1.00, 0.00, 0.98, 0.68
HSL	121°, 100%, 16%
HSV	121°, 100%, 32%
XYZ	2.9534, 5.8893, 1.0385
YIQ	47.7750, -22.9170, -41.7410

Conversions

Conversions Part 2

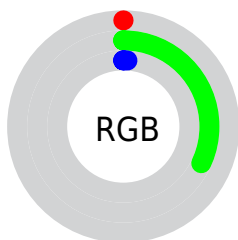
Format	Color
RYB	0, 79, 81
Decimal	20738
CIELab	29.13, -37.34, 35.40
CIELCh	29, 51.451, 136.529
Yxy	5.8895, 0.2989, 0.5960
Android (android.graphics.Color)	4278210818 (0xFF005102)
YUV	47.7750, -22.5671, -41.8987
Hunter-Lab	24.2678, -20.7451, 14.4502

Details

The HunterLab color **24.2678, -20.7451, 14.4502** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **15.2116, 29.7609, -18.9368**, and the grayscale version is **17.1960, -0.9175, 0.9343**.

A 20% lighter version of the original color is **41.9684, -26.9194, 20.6312**, and **11.5028, -9.8636, 6.9153** is the 20% darker color. If you saturate the color by 10%, you get **24.2683, -20.7455, 14.4503**, and if you desaturate by 10%, it is **24.4112, -20.0649, 14.0001**.

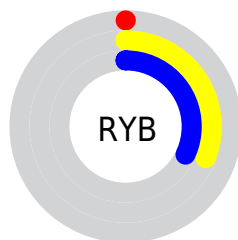
Distribution



Red (0%)

Green (32%)

Blue (1%)



Red (0%)

Yellow (31%)

Blue (32%)

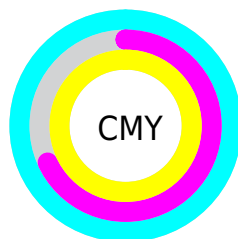


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (68%)



Cyan (100%)


Magenta (68%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 24.2678, -20.7451, 14.4502 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 24.2678, -20.7451, 14.4502 by changing the saturation by 10% instead.


 24.2678, -20.7451,
14.4502


 24.2678, -20.7451,
14.4502

 125.7333,
-45.1666, 38.5038


 16.6674, -17.0742,
11.6671

 42.0731, -27.1086,
20.7293

 10.0845, -16.7739,
7.0591


 52.1255, -29.9826,
23.5718

0.0000, NaN, NaN


 62.8712, -32.7192,
26.2744

0.0000, NaN, NaN

0.0000, NaN, NaN

 74.2682, -35.3490,
28.8667

0.0000, NaN, NaN

 86.2810, -37.8941,
31.3708


0.0000, NaN, NaN


0.0000, NaN, NaN


 98.8796, -40.3709,


33.8034


0.0000, NaN, NaN


 112.0380,
-42.7918, 36.1777


 24.2678, -20.7451,
14.4502


 24.2678, -20.7451,
14.4502


 24.2683, -20.7455,
14.4503

 24.4112, -20.0649,
14.0001

 24.5766, -19.2788,
13.4462

 24.8118, -18.1721,
12.6769

 25.1234, -16.7271,
11.6871

 25.5147, -14.9434,
10.4779

■ 25.9873, -12.8307,
9.0570

■ 26.5418, -10.4072,
7.4371

■ 27.1776, -7.6969,
5.6345

■ 27.8930, -4.7279,
3.6683

Harmonies

Analogous

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



24.2683, -9.9089, 16.8336



24.2678, -20.7451, 14.4502



24.2683, -25.5955, 7.5025

Triad

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



24.2683, -20.7454, 14.4503



24.2683, -8.4471, -52.5000



24.2683, 38.6349, 8.6037

Complementary

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



24.2678, -20.7451, 14.4502



15.2116, 29.7609, -18.9368

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.



24.2683, 39.3462, -7.0906



24.2678, -20.7451, 14.4502



24.2683, 8.7153, -51.3473

Square

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



24.2683, -20.7454, 14.4503



24.2683, -19.9302, -33.7861



24.2683, 27.2545, -31.2602



24.2683, 25.5172, 14.7865

Rectangle

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



24.2678, -20.7451, 14.4502



24.2683, -25.9716, -2.4853



24.2683, 27.2545, -31.2602



24.2683, 40.4366, 4.5958

Sweetspot

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



24.2683, -20.7454, 14.4503



34.5388, -13.9184, 9.9298



27.5236, -7.8177, 16.8230



17.4964, -7.4938, 5.3276



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.



24.2683, -20.7454, 14.4503



31.6503, -27.0762, 18.8897



24.5992, -18.6832, 9.5848



14.4661, -2.2401, 1.7615



75.9960, -65.1075, 45.5601

Inverse Universe

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



15.2116, 29.7609, -18.9368



19.8361, 38.8025, -24.6436



13.7728, 24.6569, 0.5988



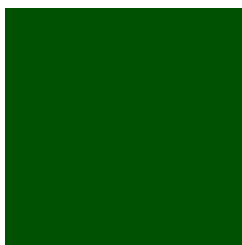
13.8964, 0.7856, -0.2569



47.6155, 93.1107, -58.9031

Previews

White Background



This preview shows how the HunterLab color 24.2678, -20.7451, 14.4502 looks on a white background.

Color Contrast Check

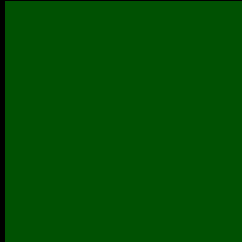
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2678, -20.7451, 14.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

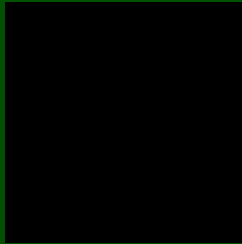
Any Text WCAG AA × Fail

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 24.2678, -20.7451, 14.4502 Background



This preview shows how black text looks on a background with the HunterLab color 24.2678, -20.7451, 14.4502.



This preview shows how white text looks on a background with the HunterLab color 24.2678, -20.7451, 14.4502.

-20.7451, 14.4502.

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

24.2678, -20.7451, 14.4502

Protanopia

24.2403, -3.6136, 14.8735

Deuteranopia





24.4261, 1.0123, 13.6799






Tritanopia

24.4260, -8.6843, -3.9965

Trichromacy

	Original Color 24.2678, -20.7451, 14.4502
	Protanomaly 23.3354, -12.5082, 14.0872
	Deuteranomaly 23.1198, -10.3865, 13.1725
	Tritanomaly 23.9296, -14.9888, 6.4334

Monochromacy

	Original Color 24.2678, -20.7451, 14.4502
	Achromatopsia 17.1921, -0.9173, 0.9341
	Achromatomaly 19.0314, -10.5299, 7.5042

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2678, -20.7451, 14.4502 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, 81, 2)` looks like.

```
.text, #text, p{  
    color:rgb(0, 81, 2)  
}
```

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, 81, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 81, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2678, -20.7451, 14.4502 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, 81, 2) }
```

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

```
.border{ border-color:rgb(0, 81, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 81, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 81, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 81, 2); box-shadow:4px  
4px 4px 4px rgb(0, 81, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.2678, -20.7451, 14.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 81, 2) }
```

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

```
.background{ background-color: rgb(0, 81,  
2) }
```

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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