

Converting Colors

HunterLab(41.9453, -4.3819,
-43.3201)

Have a look what the booklet for
HunterLab(41.9453, -4.3819,
-43.3201) contains.

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Color

**HunterLab(41.9962, -4.4083,
-42.9753)**

Conversions

Conversions Part 1

Format	Color
Hex	007ABE
RGB	0, 122, 190
RGB Percent	0%, 48%, 75%
CMY	0.9998, 0.5216, 0.2549
CMYK	1.00, 0.36, 0.00, 0.25
HSL	201°, 100%, 37%
HSV	201°, 100%, 75%
XYZ	16.2538, 17.6368, 51.2629
YIQ	93.2740, -94.5400, -4.7160

Conversions

Conversions Part 2

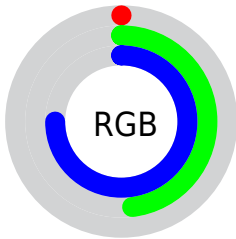
Format	Color
RYB	0, 74, 190
Decimal	31422
CIELab	49.05, -2.87, -43.43
CIElCh	49, 43.523, 266.221
Yxy	17.6374, 0.1909, 0.2071
Android (android.graphics.Color)	4278221502 (0xFF007ABE)
YUV	93.2740, 47.6859, -81.8013
Hunter-Lab	41.9962, -4.4083, -42.9753

Details

The HunterLab color **41.9962, -4.4083, -42.9753** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **38.8412, 39.1300, 24.6170**, and the grayscale version is **33.0452, -1.7632, 1.7954**.

A 20% lighter version of the original color is **62.7857, -5.6962, -44.5079**, and **25.8363, 2.4075, -37.4902** is the 20% darker color. If you saturate the color by 10%, you get **41.9924, -4.4019, -42.9843**, and if you desaturate by 10%, it is **44.1646, -7.0112, -38.3084**.

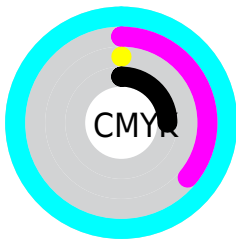
Distribution



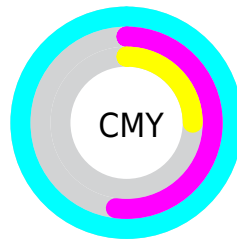
- Red (0%)
- Green (48%)
- Blue (75%)



- Red (0%)
- Yellow (29%)
- Blue (75%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (52%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9962, -4.4083, -42.9753 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 41.9962, -4.4083, -42.9753 by changing the saturation by 10% instead.

■ 41.9962, -4.4083,
-42.9753

■ 41.9962, -4.4083,
-42.9753

154.5377,
-11.6156, -48.5342

■ 32.6955, -3.7337,
-42.4682

■ 62.7841, -5.8343,
-44.3093

■ 24.2049, -3.0859,
-42.2739

■ 74.1760, -6.5867,
-45.0091

■ 16.6114, -2.4621,
-42.8037

■ 86.1842, -7.3645,
-45.6915

■ 10.0371, -1.8574,
-45.2315

■ 98.7783, -8.1672,
-46.3432

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.9324, -8.9942,
-46.9565

0.0000, NaN, -NF

■ 125.6234, -9.8450,

0.0000, NaN, NaN

-47.5273

0.0000, NaN, NaN

139.8313,
-10.7189, -48.0535

■ 41.9962, -4.4083,
-42.9753

■ 41.9962, -4.4083,
-42.9753

■ 41.9924, -4.4019,
-42.9843

■ 44.1646, -7.0112,
-38.3084

■ 46.5054, -9.0576,
-33.6100

■ 49.0465, -10.4325,
-28.8504

■ 51.7844, -11.1414,
-24.0622

■ 54.7106, -11.2165,
-19.2773

■ 57.8141, -10.7038,
-14.5220

■ 61.0830, -9.6559,
-9.8157

■ 64.5056, -8.1263,
-5.1711

■ 68.0701, -6.1664,
-0.5955

Harmonies

Analogous

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



41.9969, -19.1437, -33.3182



41.9962, -4.4083, -42.9753



41.9969, 13.4444, -37.0275

Triad

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



41.9969, -4.4076, -42.9744



41.9969, 31.8576, 13.9767



41.9969, -26.4154, 16.3202

Complementary

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



41.9962, -4.4083, -42.9753



38.8412, 39.1300, 24.6170

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.



41.9969, -15.9199, 21.8871



41.9962, -4.4083, -42.9753



41.9969, 17.8414, 20.9679

Square

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



41.9969, -4.4076, -42.9744



41.9969, 36.2549, 0.1522



41.9969, -0.0339, 23.1587



41.9969, -30.4863, 4.3134

Rectangle

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



41.9962, -4.4083, -42.9753



41.9969, 24.4967, -25.9379



41.9969, -0.0339, 23.1587



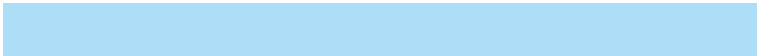
41.9969, -23.6138, 18.7847

Sweetspot

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



41.9969, -4.4076, -42.9744



81.9990, -13.0860, -13.5326



61.0140, -49.9804, 31.6336



37.5344, -6.4468, -7.6056



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



41.9969, -4.4076, -42.9744



56.0954, -5.2263, -58.8322



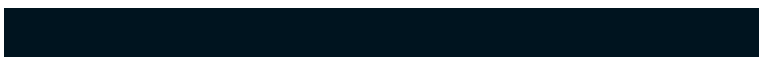
21.3870, 43.7216, -121.1075



31.9676, -2.8221, -0.1448



34.4643, -3.9462, -34.5588



7.6469, -2.0365, -5.1617

Inverse Universe

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



35.1473, 64.1823, -8.2793



47.2592, 86.2153, -10.4107



60.5100, -5.3906, 37.1905



31.0431, 1.9163, 0.2704



28.6858, 52.4354, -7.1224



5.7826, 10.7547, -2.8661

Previews

White Background



This preview shows how the HunterLab color 41.9962, -4.4083, -42.9753 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 × Fail

Black Background



This preview shows how the HunterLab color 41.9962, -4.4083, -42.9753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

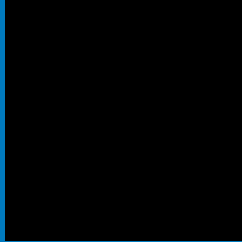
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.9962, -4.4083, -42.9753 Background



This preview shows how black text looks on a background with the HunterLab color 41.9962, -4.4083, -42.9753.



This preview shows how white text looks on a background with the HunterLab color 41.9962, -4.4083, -42.9753.

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

41.9962, -4.4083, -42.9753

Protanopia

41.9847, 6.3750, -37.2829

Deuteranopia

42.0869, 3.3224, -43.4457



Tritanopia

41.8754, -20.2644, -8.5955

Trichromacy



Original Color

41.9962, -4.4083, -42.9753

Protanomaly

41.3976, 0.4742, -41.0151

Deuteranomaly

41.7957, -0.5520, -44.1768

Tritanomaly

41.6606, -14.8636, -19.9858

Monochromacy



Original Color

41.9962, -4.4083, -42.9753

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

35.1979, -7.5857, -12.8444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9962, -4.4083, -42.9753 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, 122, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 122, 190)  
}
```

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, 122, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 122, 190) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9962, -4.4083, -42.9753 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, 122, 190) }
```


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

```
.border{ border-color:rgb(0, 122, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 122, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 122, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 122, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 122,  
190) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9962, -4.4083, -42.9753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 122, 190) }
```

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

```
.background{ background-color: rgb(0, 122,  
190) }
```

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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