

Converting Colors

HunterLab(20.5014, -22.2599,
-32.5701)

Have a look what the booklet for
HunterLab(20.5014, -22.2599,
-32.5701) contains.

HunterLab(24.9488, -4.3332, -21.8296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(24.9488, -4.3332,
-21.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	004B71
RGB	0, 75, 113
RGB Percent	0%, 29%, 44%
CMY	0.9999, 0.7059, 0.5569
CMYK	1.00, 0.34, 0.00, 0.56
HSL	200°, 100%, 22%
HSV	200°, 100%, 44%
XYZ	5.4967, 6.2244, 16.5345
YIQ	56.9070, -56.8980, -4.0820

Conversions

Conversions Part 2

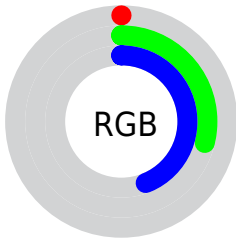
Format	Color
RYB	0, 45, 113
Decimal	19313
CIELab	29.97, -4.80, -27.44
CIElCh	30, 27.856, 260.084
Yxy	6.2246, 0.1945, 0.2203
Android (android.graphics.Color)	4278209393 (0xFF004B71)
YUV	56.9070, 27.6538, -49.9074
Hunter-Lab	24.9488, -4.3332, -21.8296

Details

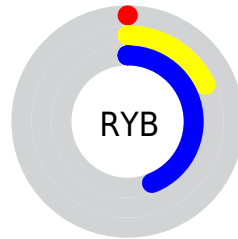
The HunterLab color **24.9488, -4.3332, -21.8296** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **22.1310, 21.7927, 14.0175**, and the grayscale version is **20.1198, -1.0735, 1.0931**.

A 20% lighter version of the original color is **43.0228, -6.1198, -22.6535**, and **11.8940, 1.2562, -17.5784** is the 20% darker color. If you saturate the color by 10%, you get **24.9478, -4.3316, -21.8320**, and if you desaturate by 10%, it is **26.1322, -5.3995, -19.4381**.

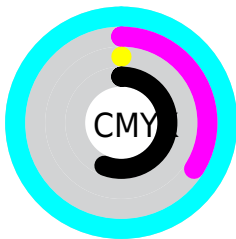
Distribution



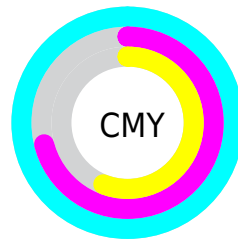
- Red (0%)
- Green (29%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (71%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9488, -4.3332, -21.8296 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 24.9488, -4.3332, -21.8296 by changing the saturation by 10% instead.

■ 24.9488, -4.3332,
-21.8296

■ 24.9488, -4.3332,
-21.8296

■ 126.9078,
-12.0219, -25.3591

■ 17.2689, -3.5584,
-21.3692

■ 42.8899, -5.9116,
-22.9271

■ 10.5944, -2.7789,
-21.2749

■ 53.0024, -6.7251,
-23.4383

0.0000, NaN, -NF

■ 63.8044, -7.5575,
-23.8985

0.0000, NaN, -NF

■ 75.2543, -8.4097,
-24.3026

0.0000, NaN, NaN

■ 87.3175, -9.2822,
-24.6495

0.0000, NaN, NaN

■ 99.9641, -10.1750,

0.0000, NaN, NaN

0.0000, NaN, NaN

-24.9401

0.0000, NaN, NaN

113.1684,
-11.0883, -25.1760

24.9488, -4.3332,
-21.8296

24.9488, -4.3332,
-21.8296

24.9478, -4.3316,
-21.8320

26.1322, -5.3995,
-19.4381

27.3781, -6.2627,
-17.0723

28.7243, -6.7834,
-14.6664

30.1688, -6.9672,
-12.2355

31.7078, -6.8304,
-9.7946

■ 33.3364, -6.3951,
-7.3563

■ 35.0492, -5.6861,
-4.9305

■ 36.8408, -4.7288,
-2.5246

■ 38.7057, -3.5479,
-0.1433

Harmonies

Analogous

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



24.9492, -11.7850, -15.4927



24.9488, -4.3332, -21.8296



24.9492, 5.0982, -20.4343

Triad

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



24.9492, -4.3328, -21.8291



24.9492, 17.7442, 6.5140



24.9492, -13.6011, 9.9819

Complementary

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



24.9488, -4.3332, -21.8296



22.1310, 21.7927, 14.0175

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.



24.9492, -7.1715, 12.6218



24.9488, -4.3332, -21.8296



24.9492, 11.1863, 11.1872

Square

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



24.9492, -4.3328, -21.8291



24.9492, 18.7996, -1.7468



24.9492, 1.8165, 12.9631



24.9492, -16.5945, 4.1089

Rectangle

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



24.9488, -4.3332, -21.8296



24.9492, 11.2340, -15.4412



24.9492, 1.8165, 12.9631



24.9492, -11.8181, 11.1702

Sweetspot

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



24.9492, -4.3328, -21.8291



46.7107, -7.6990, -6.8612



34.5663, -28.2162, 17.7072



22.1045, -3.8630, -3.8004



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.



24.9492, -4.3328, -21.8291



33.0152, -5.2248, -29.9872



12.8563, 22.0848, -63.7403



19.0666, -1.6760, 0.0452



26.5008, -4.5056, -23.3975



57.7459, -7.8671, -55.1946

Inverse Universe

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



20.0476, 36.8623, -6.6886



26.7795, 49.1648, -8.3083



33.9799, -2.5843, 20.8923



18.5346, 0.9733, 0.1896



21.3420, 39.2309, -7.0010



47.4595, 86.9356, -13.2065

Previews

White Background



This preview shows how the HunterLab color 24.9488, -4.3332, -21.8296 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 24.9488, -4.3332, -21.8296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

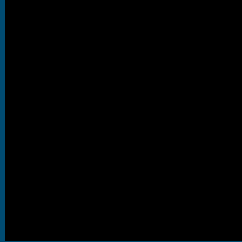
Any Text WCAG AA × Fail

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 24.9488, -4.3332, -21.8296 Background



This preview shows how black text looks on a background with the HunterLab color 24.9488, -4.3332, -21.8296.



This preview shows how white text looks on a background with the HunterLab color 24.9488, -4.3332, -21.8296.

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

24.9488, -4.3332, -21.8296

Protanopia

25.1652, 2.6639, -17.8725

Deuteranopia

25.1042, 1.6963, -22.0993



Tritanopia

24.9957, -12.0663, -5.1948

Trichromacy



Original Color

24.9488, -4.3332, -21.8296

Protanomaly

24.7701, -1.1234, -20.0666

Deuteranomaly

24.7201, -0.9366, -22.9663

Tritanomaly

25.0500, -9.7054, -10.3591

Monochromacy



Original Color

24.9488, -4.3332, -21.8296

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

21.3955, -4.9008, -6.3587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9488, -4.3332, -21.8296 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, 75, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 113)  
}
```

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, 75, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9488, -4.3332, -21.8296 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, 75, 113) }
```


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

```
.border{ border-color:rgb(0, 75, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 75, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 113)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.9488, -4.3332, -21.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 75, 113) }
```

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

```
.background{ background-color: rgb(0, 75,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor