

Converting Colors

HunterLab(24.7078, -5.0305,
-20.0232)

Have a look what the booklet for
HunterLab(24.7078, -5.0305,
-20.0232) contains.

HunterLab(24.8152, -5.0831, -20.0440)	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(24.8152, -5.0831,
-20.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	004B6E
RGB	0, 75, 110
RGB Percent	0%, 29%, 43%
CMY	1.0000, 0.7059, 0.5686
CMYK	1.00, 0.32, 0.00, 0.57
HSL	199°, 100%, 22%
HSV	199°, 100%, 43%
XYZ	5.3305, 6.1579, 15.6595
YIQ	56.5650, -55.9350, -5.0150

Conversions

Conversions Part 2

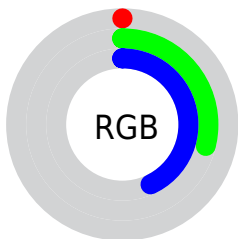
Format	Color
R_{YB}	0, 45, 110
Decimal	19310
CIE _{Lab}	29.81, -6.06, -25.81
CIE _{LCh}	30, 26.508, 256.790
Yxy	6.1581, 0.1964, 0.2268
Android (android.graphics.Color)	4278209390 (0xFF004B6E)
YUV	56.5650, 26.3435, -49.6075
Hunter-Lab	24.8152, -5.0831, -20.0440

Details

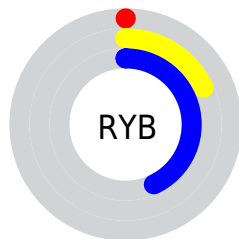
The HunterLab color **24.8152, -5.0831, -20.0440** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.2550, 21.8576, 13.4790**, and the grayscale version is **20.0069, -1.0675, 1.0870**.

A 20% lighter version of the original color is **42.8527, -6.9800, -21.0106**, and **11.5229, 0.8946, -16.3338** is the 20% darker color. If you saturate the color by 10%, you get **24.8145, -5.0818, -20.0457**, and if you desaturate by 10%, it is **25.9177, -6.0111, -17.8818**.

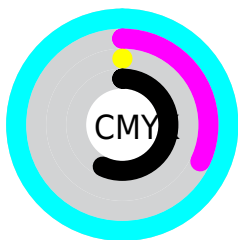
Distribution



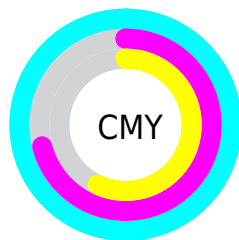
- Red (0%)
- Green (29%)
- Blue (43%)



- Red (0%)
- Yellow (18%)
- Blue (43%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.8152, -5.0831, -20.0440 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 24.8152, -5.0831, -20.0440 by changing the saturation by 10% instead.

■ 24.8152, -5.0831,
-20.0440

■ 24.8152, -5.0831,
-20.0440

■ 126.6779,
-13.3693, -23.2340

■ 17.1507, -4.2094,
-19.5634

■ 42.7298, -6.8283,
-21.1024

■ 10.4941, -3.3136,
-19.3742

■ 52.8306, -7.7148,
-21.5778

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 63.6216, -8.6153,
-21.9974

0.0000, NaN, NaN

■ 75.0612, -9.5314,
-22.3584

0.0000, NaN, NaN

■ 87.1146, -10.4643,
-22.6607

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.7518, -11.4147,

-22.9060

0.0000, NaN, NaN

112.9472,
-12.3830, -23.0963

24.8152, -5.0831,
-20.0440

24.8152, -5.0831,
-20.0440

24.8145, -5.0818,
-20.0457

25.9177, -6.0111,
-17.8818

27.0764, -6.7542,
-15.7368

28.3295, -7.1706,
-13.5430

29.6760, -7.2643,
-11.3142

31.1127, -7.0493,
-9.0641

■ 32.6354, -6.5454,
-6.8053

■ 34.2394, -5.7755,
-4.5480

■ 35.9197, -4.7636,
-2.2999

■ 37.6713, -3.5328,
-0.0667

Harmonies

Analogous

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



24.8156, -11.9010, -13.5168



24.8152, -5.0831, -20.0440



24.8156, 3.7653, -19.5862

Triad

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



24.8156, -5.0828, -20.0435



24.8156, 17.0848, 5.5733



24.8156, -12.5147, 10.0515

Complementary

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



24.8152, -5.0831, -20.0440



21.2550, 21.8576, 13.4790

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.



24.8156, -6.0363, 12.3631



24.8152, -5.0831, -20.0440



24.8156, 11.3845, 10.4662

Square

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



24.8156, -5.0828, -20.0435



24.8156, 17.4347, -2.6254



24.8156, 2.6697, 12.4823



24.8156, -15.7702, 4.7615

Rectangle

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



24.8152, -5.0831, -20.0440



24.8156, 9.6683, -15.3507



24.8156, 2.6697, 12.4823



24.8156, -10.6862, 11.1078

Sweetspot

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



24.8156, -5.0828, -20.0435



45.1984, -7.7488, -6.2690



33.5745, -27.5092, 17.4206



21.4788, -3.9052, -3.4749



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



24.8156, -5.0828, -20.0435



32.5471, -6.2227, -27.2479



12.7766, 20.5023, -60.2251



19.0915, -1.7165, 0.0751



27.0994, -5.4212, -22.1690



59.1435, -10.0498, -52.2297

Inverse Universe

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



19.5532, 36.0803, -7.5047



25.8681, 47.6623, -9.3488



32.5572, -1.7490, 20.0304



18.5372, 0.9872, 0.1528



21.4177, 39.5024, -8.0507



47.6329, 87.5582, -15.6186

Previews

White Background



This preview shows how the HunterLab color 24.8152, -5.0831, -20.0440 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 24.8152, -5.0831, -20.0440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

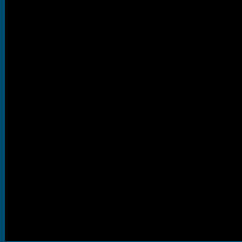
Any Text WCAG AA × Fail

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 24.8152, -5.0831, -20.0440 Background



This preview shows how black text looks on a background with the HunterLab color 24.8152, -5.0831, -20.0440.



This preview shows how white text looks on a background with the HunterLab color 24.8152, -5.0831, -20.0440.

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

24.8152, -5.0831, -20.0440

Protanopia

24.8510, 2.6450, -16.5262

Deuteranopia

25.0650, 1.2964, -20.1062



Tritanopia

24.6756, -11.8987, -5.1566

Trichromacy



Original Color

24.8152, -5.0831, -20.0440

Protanomaly

24.4158, -1.2751, -18.7554

Deuteranomaly

24.6449, -1.4700, -21.0198

Tritanomaly

24.6943, -9.7499, -9.8184

Monochromacy



Original Color

24.8152, -5.0831, -20.0440

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

21.3627, -5.0863, -5.9021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.8152, -5.0831, -20.0440 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 24.8152, -5.0831, -20.0440 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, 110) }
```


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

```
.border{ border-color:rgb(0, 75, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 75, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 75, 110)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.8152, -5.0831, -20.0440 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, 110) }
```

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

```
.background{ background-color: rgb(0, 75,  
110) }
```

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