

Converting Colors

HunterLab(41.1317, -12.2568,
-24.9522)

Have a look what the booklet for
HunterLab(41.1317, -12.2568,
-24.9522) contains.

HunterLab(41.0003, -12.1328, -25.0556)	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(41.0003,
-12.1328, -25.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	007BA3
RGB	0, 123, 163
RGB Percent	0%, 48%, 64%
CMY	0.9999, 0.5176, 0.3608
CMYK	1.00, 0.25, 0.00, 0.36
HSL	195°, 100%, 32%
HSV	195°, 100%, 64%
XYZ	13.6938, 16.8102, 37.1733
YIQ	90.7830, -86.1480, -13.6360

Conversions

Conversions Part 2

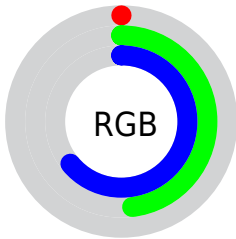
Format	Color
RYB	0, 70, 163
Decimal	31651
CIELab	48.02, -13.83, -29.40
CIElCh	48, 32.492, 244.811
Yxy	16.8108, 0.2023, 0.2484
Android (android.graphics.Color)	4278221731 (0xFF007BA3)
YUV	90.7830, 35.6030, -79.6167
Hunter-Lab	41.0003, -12.1328, -25.0556

Details

The HunterLab color **41.0003, -12.1328, -25.0556** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **30.5059, 39.4419, 19.4865**, and the grayscale version is **32.1632, -1.7161, 1.7475**.

A 20% lighter version of the original color is **61.4789, -14.6511, -26.3415**, and **24.5871, -4.4191, -21.1922** is the 20% darker color. If you saturate the color by 10%, you get **40.9987, -12.1303, -25.0590**, and if you desaturate by 10%, it is **42.3517, -13.3400, -22.6455**.

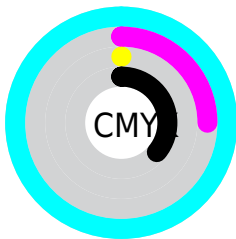
Distribution



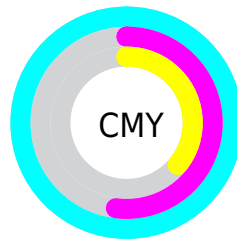
- Red (0%)
- Green (48%)
- Blue (64%)



- Red (0%)
- Yellow (27%)
- Blue (64%)



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



- Cyan (100%)
- Magenta (52%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0003, -12.1328, -25.0556 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 41.0003, -12.1328, -25.0556 by changing the saturation by 10% instead.

41.0003, -12.1328,
-25.0556

41.0003, -12.1328,
-25.0556

152.9967,
-24.0569, -28.2466

31.7800, -10.7446,
-24.4792

61.6443, -14.8213,
-26.1272

23.3776, -9.3038,
-23.9393

72.9707, -16.1433,
-26.5916

15.8829, -7.7755,
-23.5753

84.9167, -17.4589,
-27.0014

9.4231, -6.8980,
-23.8186

97.4516, -18.7724,
-27.3560

0.0000, NaN, -NF

0.0000, NaN, -NF

110.5490,
-20.0868, -27.6562

0.0000, NaN, NaN

124.1856,

0.0000, NaN, NaN

-21.4046, -27.9035

0.0000, NaN, NaN

138.3409,
-22.7275, -28.0997

■ 41.0003, -12.1328,
-25.0556

■ 41.0003, -12.1328,
-25.0556

■ 40.9987, -12.1303,
-25.0590

■ 42.3517, -13.3400,
-22.6455

■ 43.8120, -14.1604,
-20.1433

■ 45.4141, -14.4701,
-17.5073

■ 47.1618, -14.2576,
-14.7502

■ 49.0544, -13.5318,
-11.8906

■ 51.0887, -12.3155,
-8.9482

■ 53.2592, -10.6400,
-5.9425

■ 55.5598, -8.5414,
-2.8909

■ 57.9836, -6.0570,
0.1918

Harmonies

Analogous

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



41.0010, -20.4769, -13.4802



41.0003, -12.1328, -25.0556



41.0010, -0.1085, -28.5608

Triad

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



41.0010, -12.1324, -25.0548



41.0010, 25.2807, 4.1443



41.0010, -15.2957, 17.1586

Complementary

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



41.0003, -12.1328, -25.0556



30.5059, 39.4419, 19.4865

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.



41.0010, -4.2306, 19.3598



41.0003, -12.1328, -25.0556



41.0010, 19.9978, 13.4590

Square

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



41.0010, -12.1324, -25.0548



41.0010, 22.4989, -9.0148



41.0010, 8.8008, 18.2497



41.0010, -22.1403, 10.9858

Rectangle

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



41.0003, -12.1328, -25.0556



41.0010, 8.6391, -25.1592



41.0010, 8.8008, 18.2497



41.0010, -12.0000, 18.2847

Sweetspot

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



41.0010, -12.1324, -25.0548



71.1026, -14.3834, -8.1851



51.3178, -43.0281, 28.7445



33.1358, -7.2703, -4.6476



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



41.0010, -12.1324, -25.0548



54.5663, -15.8065, -34.0814



20.9951, 26.9637, -84.4442



27.7765, -2.8012, 0.1973



36.2453, -10.8380, -21.9072



5.8580, -2.3916, -2.1593

Inverse Universe

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



30.3600, 56.6977, -16.8958



40.5867, 75.7337, -22.0502



45.9451, 4.1585, 28.3829



26.7812, 1.7195, -0.0972



26.7775, 50.0350, -15.0827



3.9679, 7.5583, -3.3522

Previews

White Background



This preview shows how the HunterLab color 41.0003, -12.1328, -25.0556 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 41.0003, -12.1328, -25.0556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0003, -12.1328, -25.0556 Background



This preview shows how black text looks on a background with the HunterLab color 41.0003, -12.1328, -25.0556.



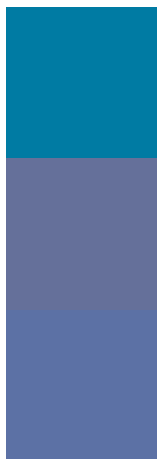
This preview shows how white text looks on a background with the HunterLab color 41.0003,

-12.1328, -25.0556.

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

41.0003, -12.1328, -25.0556

Protanopia

40.8511, 2.7651, -19.1503

Deuteranopia

40.9905, 2.7764, -26.1824



Tritanopia

40.8648, -19.5124, -8.9557

Trichromacy



Original Color

41.0003, -12.1328, -25.0556

Protanomaly

40.0189, -5.6001, -22.6976

Deuteranomaly

40.4138, -5.0648, -26.7124

Tritanomaly

40.9177, -16.9800, -14.4885

Monochromacy



Original Color

41.0003, -12.1328, -25.0556

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

34.4737, -9.5547, -7.8693

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0003, -12.1328, -25.0556 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, 123, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 123, 163)  
}
```

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, 123, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 123, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0003, -12.1328, -25.0556 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, 123, 163) }
```


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

```
.border{ border-color:rgb(0, 123, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 123, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 123, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 123, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 123,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.0003, -12.1328, -25.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 123, 163) }
```

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

```
.background{ background-color: rgb(0, 123,  
163) }
```

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