

Converting Colors

HunterLab(24.1537, -6.5329,
-16.0874)

Have a look what the booklet for
HunterLab(24.1537, -6.5329,
-16.0874) contains.

HunterLab(24.2010, -6.6011, -15.9992)	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(24.2010, -6.6011,
-15.9992)**

Conversions

Conversions Part 1

Format	Color
Hex	004A66
RGB	0, 74, 102
RGB Percent	0%, 29%, 40%
CMY	1.0000, 0.7098, 0.6000
CMYK	1.00, 0.27, 0.00, 0.60
HSL	196°, 100%, 20%
HSV	196°, 100%, 40%
XYZ	4.8471, 5.8569, 13.4454
YIQ	55.0660, -53.0920, -6.9800

Conversions

Conversions Part 2

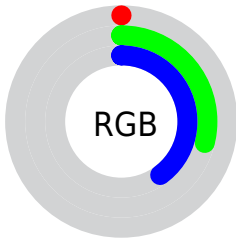
Format	Color
R_{YB}	0, 43, 102
Decimal	19046
CIE _{Lab}	29.05, -8.76, -21.92
CIE _{LCh}	29, 23.608, 248.228
Yxy	5.8571, 0.2007, 0.2425
Android (android.graphics.Color)	4278209126 (0xFF004A66)
YUV	55.0660, 23.1385, -48.2929
Hunter-Lab	24.2010, -6.6011, -15.9992

Details

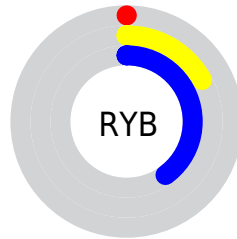
The HunterLab color **24.2010, -6.6011, -15.9992** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **19.1202, 21.5744, 12.1585**, and the grayscale version is **19.5065, -1.0408, 1.0598**.

A 20% lighter version of the original color is **42.1082, -8.8868, -16.6427**, and **10.9744, -0.4376, -12.7724** is the 20% darker color. If you saturate the color by 10%, you get **24.2005, -6.6002, -16.0005**, and if you desaturate by 10%, it is **25.1101, -7.2186, -14.3351**.

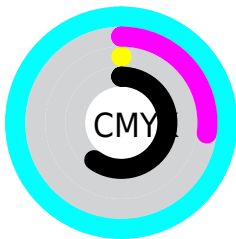
Distribution



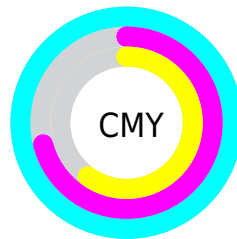
- Red (0%)
- Green (29%)
- Blue (40%)



- Red (0%)
- Yellow (17%)
- Blue (40%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2010, -6.6011, -15.9992 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 24.2010, -6.6011, -15.9992 by changing the saturation by 10% instead.

■ 24.2010, -6.6011,
-15.9992

■ 24.2010, -6.6011,
-15.9992

■ 125.6175,
-16.1834, -18.2940

■ 16.6083, -5.5083,
-15.5116

■ 41.9927, -8.7117,
-16.9226

■ 10.0346, -4.4255,
-15.1749

■ 52.0392, -9.7570,
-17.3005

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 62.7793, -10.8049,
-17.6147

0.0000, NaN, NaN

■ 74.1710, -11.8592,
-17.8659

0.0000, NaN, NaN

■ 86.1789, -12.9226,
-18.0565

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.7728, -13.9970,

-18.1894

0.0000, NaN, NaN

■ 111.9266,
-15.0836, -18.2677

■ 24.2010, -6.6011,
-15.9992

■ 24.2010, -6.6011,
-15.9992

■ 24.2005, -6.6002,
-16.0005

■ 25.1101, -7.2186,
-14.3351

■ 26.0605, -7.6958,
-12.6753

■ 27.0924, -7.8842,
-10.9536

■ 28.2059, -7.7844,
-9.1797

■ 29.3994, -7.4058,
-7.3650

■ 30.6701, -6.7636,
-5.5203

■ 32.0147, -5.8762,
-3.6556

■ 33.4294, -4.7637,
-1.7793

■ 34.9101, -3.4462,
0.1018

Harmonies

Analogous

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



24.2014, -11.9695, -9.2602



24.2010, -6.6011, -15.9992



24.2014, 0.8881, -17.4494

Triad

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



24.2014, -6.6009, -15.9987



24.2014, 15.3845, 3.2687



24.2014, -9.8800, 10.0493

Complementary

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



24.2010, -6.6011, -15.9992



19.1202, 21.5744, 12.1585

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.



24.2014, -3.3988, 11.6010



24.2010, -6.6011, -15.9992



24.2014, 11.6315, 8.5788

Square

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



24.2014, -6.6009, -15.9987



24.2014, 14.2447, -4.5851



24.2014, 4.5166, 11.1645



24.2014, -13.6893, 6.0283

Rectangle

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



24.2010, -6.6011, -15.9992



24.2014, 6.2059, -14.8965



24.2014, 4.5166, 11.1645



24.2014, -7.9765, 10.8081

Sweetspot

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



24.2014, -6.6009, -15.9987



42.2381, -7.8965, -5.0570



30.9564, -25.6209, 16.6165



20.2574, -4.0149, -2.8095



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



24.2014, -6.6009, -15.9987



31.7556, -8.3164, -21.7389



12.6680, 16.1735, -50.7447



17.5062, -1.6443, 0.1511



27.3066, -7.3078, -18.3554



61.1363, -14.9012, -44.2476

Inverse Universe

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



18.2194, 33.9117, -9.2629



24.0878, 44.7721, -11.7295



28.8140, 0.4878, 17.7630



16.9613, 0.8948, 0.0762



20.6307, 38.3764, -10.2784



46.9532, 87.0630, -21.2428

Previews

White Background



This preview shows how the HunterLab color 24.2010, -6.6011, -15.9992 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 24.2010, -6.6011, -15.9992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

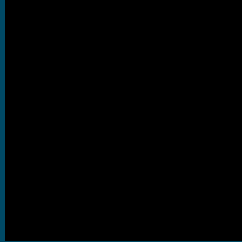
Any Text WCAG AA × Fail

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 24.2010, -6.6011, -15.9992 Background



This preview shows how black text looks on a background with the HunterLab color 24.2010, -6.6011, -15.9992.



This preview shows how white text looks on a background with the HunterLab color 24.2010, -6.6011, -15.9992.

-15.9992.

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

24.2010, -6.6011, -15.9992

Protanopia

24.4090, 1.8072, -12.3982

Deuteranopia

24.4794, 1.2367, -15.9738



Tritanopia

24.3248, -11.9177, -4.6770

Trichromacy



Original Color

24.2010, -6.6011, -15.9992

Protanomaly

23.8605, -2.5434, -14.6740

Deuteranomaly

24.1368, -2.5920, -16.6931

Tritanomaly

24.2696, -10.2015, -8.3127

Monochromacy



Original Color

24.2010, -6.6011, -15.9992

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.6651, -5.1935, -4.9473

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2010, -6.6011, -15.9992 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, 74, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 74, 102)  
}
```

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, 74, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 74, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2010, -6.6011, -15.9992 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, 74, 102) }
```


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

```
.border{ border-color:rgb(0, 74, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 74, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 74, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 74, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 74, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.2010, -6.6011, -15.9992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 74, 102) }
```

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

```
.background{ background-color: rgb(0, 74,  
102) }
```

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