

Converting Colors

HunterLab(24.7027, 7.3693,
-40.6246)

Have a look what the booklet for
HunterLab(24.7027, 7.3693,
-40.6246) contains.

HunterLab(24.6331, 7.5187, -40.7529)	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(24.6331, 7.5187,
-40.7529)**

Conversions

Conversions Part 1

Format	Color
Hex	1E4388
RGB	30, 67, 136
RGB Percent	12%, 26%, 53%
CMY	0.8823, 0.7373, 0.4667
CMYK	0.78, 0.51, 0.00, 0.47
HSL	219°, 64%, 33%
HSV	219°, 78%, 53%
XYZ	6.9865, 6.0679, 24.0955
YIQ	63.8030, -44.2010, 13.6150

Conversions

Conversions Part 2

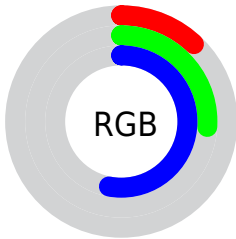
Format	Color
R_{YB}	30, 57, 136
Decimal	1983368
CIE _{Lab}	29.58, 12.97, -42.38
CIE _{LCh}	30, 44.321, 287.016
Yxy	6.0681, 0.1881, 0.1633
Android (android.graphics.Color)	4280173448 (0xFF1E4388)
YUV	63.8030, 35.5931, -29.6452
Hunter-Lab	24.6331, 7.5187, -40.7529

Details

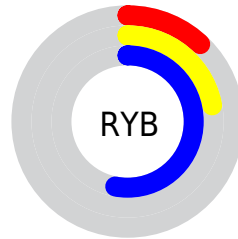
The HunterLab color $[24.6331, 7.5187, -40.7529]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[37.7535, 4.1450, 21.4063]$, and the grayscale version is $[22.4662, -1.1987, 1.2206]$.

A 20% lighter version of the original color is $[42.3987, 8.4283, -41.8496]$, and $[11.6238, 10.1763, -36.4966]$ is the 20% darker color. If you saturate the color by 10%, you get $[22.2088, 10.8468, -48.3087]$, and if you desaturate by 10%, it is $[27.3005, 4.7942, -33.6796]$.

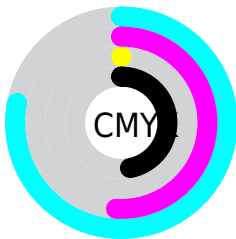
Distribution



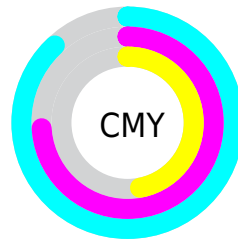
- Red (12%)
- Green (26%)
- Blue (53%)



- Red (12%)
- Yellow (22%)
- Blue (53%)



- Cyan (78%)
- Magenta (51%)
- Yellow (0%)
- Black (47%)



- Cyan (88%)
- Magenta (74%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.6331, 7.5187, -40.7529 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 24.6331, 7.5187, -40.7529 by changing the saturation by 10% instead.

■ 24.6331, 7.5187,
-40.7529

■ 24.6331, 7.5187,
-40.7529

■ 126.3640, 7.8443,
-46.0207

■ 16.9897, 7.0411,
-41.1226

■ 42.5114, 8.1196,
-41.5551

■ 10.3575, 6.4053,
-43.1583

■ 52.5961, 8.2785,
-42.2061

0.0000, INF, -NF

■ 63.3722, 8.3596,
-42.8953

0.0000, NaN, -NF

■ 74.7976, 8.3714,
-43.5837

0.0000, NaN, -NF

■ 86.8375, 8.3209,
-44.2497

0.0000, NaN, NaN

■ 99.4620, 8.2133,

0.0000, NaN, NaN

0.0000, NaN, NaN

-44.8818

0.0000, NaN, NaN

112.6451, 8.0532,
-45.4732

■ 24.6331, 7.5187,
-40.7529

■ 24.6331, 7.5187,
-40.7529

■ 22.2088, 10.8468,
-48.3087

■ 27.3005, 4.7942,
-33.6796

■ 20.0423, 14.7089,
-56.2978

■ 30.1738, 2.6185,
-27.1302

■ 19.6164, 15.5293,
-58.0421

■ 33.2226, 0.9197,
-21.0810

■ 36.4221, -0.3755,
-15.4807

■ 39.7519, -1.3324,
-10.2695

■ 43.1958, -2.0066,
-5.3892

■ 46.7409, -2.4440,
-0.7876

■ 50.3763, -2.6819,
3.5806

■ 54.0935, -2.7507,
7.7537

Harmonies

Analogous

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



24.6334, -7.3534, -41.9210



24.6331, 7.5187, -40.7529



24.6334, 22.9763, -24.9587

Triad

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



24.6334, 7.5194, -40.7522



24.6334, 21.0845, 14.0195



24.6334, -23.2611, 6.6520

Complementary

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



24.6331, 7.5187, -40.7529



37.7535, 4.1450, 21.4063

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.



24.6334, -18.7792, 13.5351



24.6331, 7.5187, -40.7529



24.6334, 5.3661, 15.9279

Square

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



24.6334, 7.5194, -40.7522



24.6334, 31.9814, 7.9864



24.6334, -9.0580, 15.7920



24.6334, -22.9459, -7.9034

Rectangle

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



24.6331, 7.5187, -40.7529



24.6334, 30.5029, -11.6474



24.6334, -9.0580, 15.7920



24.6334, -22.3201, 9.7026

Sweetspot

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



24.6334, 7.5194, -40.7522



54.7818, -2.2083, -10.7087



43.3400, -28.1213, 10.0982



25.6649, -0.9139, -6.1625



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



24.6334, 7.5194, -40.7522



27.1460, 18.5649, -72.6021



18.1252, 27.6749, -64.5405



22.7140, -1.1782, -0.6573



19.1266, 15.0016, -56.2906



2.2320, -0.1262, -2.5173

Inverse Universe

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



25.6290, 36.1563, 4.1408



31.4235, 53.2774, 9.8921



46.5860, -17.1600, 26.8417



22.5290, 0.9843, 0.9894



22.7013, 39.7554, 7.8582



1.9186, 3.4890, -0.3362

Previews

White Background



This preview shows how the HunterLab color 24.6331, 7.5187, -40.7529 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 24.6331, 7.5187, -40.7529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

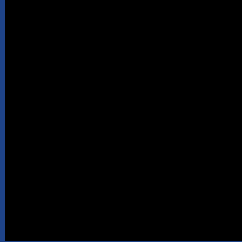
Any Text WCAG AA × Fail

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 24.6331, 7.5187, -40.7529 Background



This preview shows how black text looks on a background with the HunterLab color 24.6331, 7.5187, -40.7529.



This preview shows how white text looks on a background with the HunterLab color 24.6331, 7.5187, -40.7529.

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

24.6331, 7.5187, -40.7529

Protanopia

24.5457, 7.2454, -41.0114

Deuteranopia

24.4166, 0.3400, -31.2527



Tritanopia

24.3563, -11.7315, -5.1183

Trichromacy



Original Color

24.6331, 7.5187, -40.7529

Protanomaly

24.5739, 7.3337, -40.9278

Deuteranomaly

24.5153, 2.4197, -34.2421

Tritanomaly

24.0739, -5.6580, -16.2235

Monochromacy



Original Color

24.6331, 7.5187, -40.7529

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.9104, 0.0468, -10.9144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.6331, 7.5187, -40.7529 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(30, 67, 136)` looks like.

```
.text, #text, p{  
    color:rgb(30, 67, 136)  
}
```

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(30, 67, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 67, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 24.6331, 7.5187, -40.7529 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(30, 67, 136) }
```


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

```
.border{ border-color:rgb(30, 67, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 67, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 67, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 67, 136);  
box-shadow:4px 4px 4px 4px rgb(30, 67,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.6331, 7.5187, -40.7529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 67, 136) }
```

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

```
.background{ background-color: rgb(30, 67,  
136) }
```

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