

Converting Colors

HunterLab(31.3491, -21.4580,
7.1381)

Have a look what the booklet for
HunterLab(31.3491, -21.4580,
7.1381) contains.

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Color

**HunterLab(31.2864,
-21.3391, 6.9597)**

Conversions

Conversions Part 1

Format	Color
Hex	006549
RGB	0, 101, 73
RGB Percent	0%, 40%, 29%
CMY	1.0000, 0.6039, 0.7137
CMYK	1.00, 0.00, 0.28, 0.60
HSL	163°, 100%, 20%
HSV	163°, 100%, 40%
XYZ	5.8563, 9.7884, 7.8840
YIQ	67.6090, -51.2080, -30.1200

Conversions

Conversions Part 2

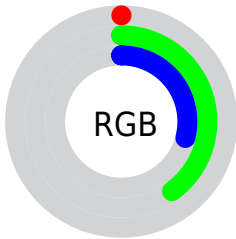
Format	Color
RYB	0, 59, 101
Decimal	25929
CIELab	37.46, -32.95, 8.81
CIELCh	37, 34.105, 165.026
Yxy	9.7888, 0.2489, 0.4160
Android (android.graphics.Color)	4278216009 (0xFF006549)
YUV	67.6090, 2.6578, -59.2931
Hunter-Lab	31.2864, -21.3391, 6.9597

Details

The HunterLab color **31.2864, -21.3391, 6.9597** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16.8842, 29.4098, 7.0598**, and the grayscale version is **23.9101, -1.2758, 1.2991**.

A 20% lighter version of the original color is **50.4873, -26.7288, 9.0195**, and **16.2324, -11.9683, 5.5471** is the 20% darker color. If you saturate the color by 10%, you get **31.2869, -21.3397, 6.9604**, and if you desaturate by 10%, it is **31.4514, -20.5452, 6.1993**.

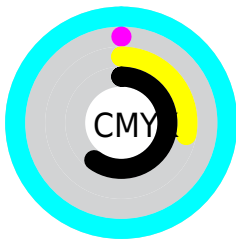
Distribution



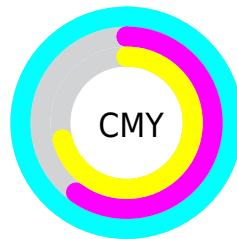
- Red (0%)
- Green (40%)
- Blue (29%)



- Red (0%)
- Yellow (23%)
- Blue (40%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (60%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2864, -21.3391, 6.9597 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 31.2864, -21.3391, 6.9597 by changing the saturation by 10% instead.

■ 31.2864, -21.3391,
6.9597

■ 31.2864, -21.3391,
6.9597

■ 137.5346,
-42.6918, 16.6423

■ 22.9328, -18.3549,
5.8814

■ 50.3959, -26.7007,
9.0725

■ 15.4922, -15.0389,
4.7620

■ 61.0289, -29.1821,
10.1261

■ 9.0881, -15.9042,
4.5141

■ 72.3196, -31.5722,
11.1850

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2317, -33.8906,
12.2525

0.0000, NaN, NaN

■ 96.7344, -36.1519,
13.3306

0.0000, NaN, NaN

■ 109.8009,

0.0000, NaN, NaN

-38.3670, 14.4210

0.0000, NaN, NaN

123.4078,
-40.5448, 15.5246

31.2864, -21.3391,
6.9597

31.2864, -21.3391,
6.9597

31.2869, -21.3397,
6.9604

31.4514, -20.5452,
6.1993

31.6501, -19.6126,
5.4444

31.9194, -18.3992,
4.7395

32.2649, -16.8913,
4.0966

32.6908, -15.0847,
3.5256

■ 33.1996, -12.9835,
3.0345

■ 33.7927, -10.5986,
2.6293

■ 34.4703, -7.9464,
2.3140

■ 35.2318, -5.0470,
2.0908

Harmonies

Analogous

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



31.2870, -16.6594, 13.7666



31.2864, -21.3391, 6.9597



31.2870, -21.3353, -4.6849

Triad

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



31.2870, -21.3393, 6.9600



31.2870, 4.6766, -28.6109



31.2870, 16.7906, 13.7744

Complementary

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



31.2864, -21.3391, 6.9597



16.8842, 29.4098, 7.0598

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.



31.2870, 24.5009, 6.9758



31.2864, -21.3391, 6.9597



31.2870, 16.8087, -18.6490

Square

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



31.2870, -21.3393, 6.9600



31.2870, -7.5311, -28.6205



31.2870, 24.5080, -4.6616



31.2870, 4.6547, 16.5426

Rectangle

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



31.2864, -21.3391, 6.9597



31.2870, -18.7268, -14.0912



31.2870, 24.5080, -4.6616



31.2870, 20.0631, 12.0318

Sweetspot

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



31.2870, -21.3393, 6.9600



44.2064, -14.1645, 3.4853



30.9248, -24.3927, 18.6284



21.8080, -7.5055, 1.8033



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.



31.2870, -21.3393, 6.9600



40.9715, -28.0922, 9.4322



25.5906, -8.8356, -12.9119



17.8127, -2.3832, 1.0453



35.8163, -24.4972, 8.1152



81.7018, -56.5198, 19.8900

Inverse Universe

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



16.8842, 29.4098, 7.0598



22.0851, 38.3996, 9.7882



18.2657, 23.2671, 11.6621



16.9049, 0.5918, 0.8781



19.3163, 33.6144, 8.3373



43.9644, 76.2166, 21.2292

Previews

White Background



This preview shows how the HunterLab color 31.2864, -21.3391, 6.9597 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 31.2864, -21.3391, 6.9597 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 31.2864, -21.3391, 6.9597 Background



This preview shows how black text looks on a background with the HunterLab color 31.2864, -21.3391, 6.9597.



This preview shows how white text looks on a background with the HunterLab color 31.2864,

-21.3391, 6.9597.

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

31.2864, -21.3391, 6.9597

Protanopia

31.2480, -2.5933, 9.1339

Deuteranopia

31.3042, 1.9815, 6.0261



Tritanopia

31.4526, -12.7520, -6.0354

Trichromacy



Original Color

31.2864, -21.3391, 6.9597

Protanomaly

30.3629, -12.8528, 7.4902

Deuteranomaly

30.1562, -10.3923, 4.9570

Tritanomaly

31.1209, -16.3036, -0.8385

Monochromacy



Original Color

31.2864, -21.3391, 6.9597

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

25.8710, -10.9804, 2.4702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2864, -21.3391, 6.9597 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, 101, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 73)  
}
```

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, 101, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2864, -21.3391, 6.9597 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, 101, 73) }
```


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

```
.border{ border-color:rgb(0, 101, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 101, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2864, -21.3391, 6.9597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 73) }
```

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

```
.background{ background-color: rgb(0, 101,  
73) }
```

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](#).

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