

Converting Colors

HunterLab(21.9868, -19.0238,
0.1758)

Have a look what the booklet for
HunterLab(21.9868, -19.0238,
0.1758) contains.

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Color

**HunterLab(23.2429,
-14.2452, 1.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	004B40
RGB	0, 75, 64
RGB Percent	0%, 29%, 25%
CMY	1.0000, 0.7059, 0.7490
CMYK	1.00, 0.00, 0.15, 0.71
HSL	171°, 100%, 15%
HSV	171°, 100%, 29%
XYZ	3.4415, 5.4023, 5.7119
YIQ	51.3210, -41.1690, -19.3210

Conversions

Conversions Part 2

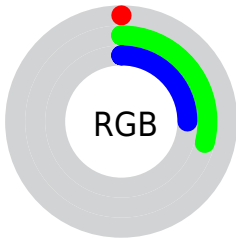
Format	Color
RYB	0, 40, 75
Decimal	19264
CIELab	27.85, -23.60, 0.74
CIElCh	28, 23.612, 178.210
Yxy	5.4025, 0.2364, 0.3712
Android (android.graphics.Color)	4278209344 (0xFF004B40)
YUV	51.3210, 6.2507, -45.0085
Hunter-Lab	23.2429, -14.2452, 1.6997

Details

The HunterLab color **23.2429, -14.2452, 1.6997** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **12.3295, 21.3089, 6.4473**, and the grayscale version is **18.2928, -0.9761, 0.9939**.

A 20% lighter version of the original color is **40.7545, -18.2410, 2.4923**, and **10.4449, -6.9765, 2.0052** is the 20% darker color. If you saturate the color by 10%, you get **23.2433, -14.2456, 1.7001**, and if you desaturate by 10%, it is **23.3743, -13.6641, 1.4397**.

Distribution



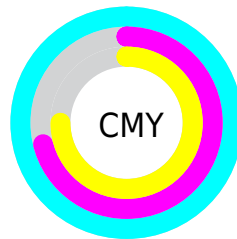
- Red (0%)
- Green (29%)
- Blue (25%)



- Red (0%)
- Yellow (16%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2429, -14.2452, 1.6997 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 23.2429, -14.2452, 1.6997 by changing the saturation by 10% instead.

■ 23.2429, -14.2452,
1.6997

■ 23.2429, -14.2452,
1.6997

■ 123.9512,
-31.3863, 7.5116

■ 15.7649, -11.8344,
1.2390

■ 40.8391, -18.5209,
2.7492

■ 9.3235, -11.5283,
0.8353

■ 50.7992, -20.4966,
3.3316

0.0000, NaN, NaN

■ 61.4588, -22.4039,
3.9494

0.0000, NaN, NaN

■ 72.7745, -24.2605,
4.6007

0.0000, NaN, NaN

■ 84.7102, -26.0789,
5.2839

0.0000, NaN, NaN

■ 97.2354, -27.8683,

0.0000, NaN, NaN

■ 110.3235,
-29.6357, 6.7405

■ 23.2429, -14.2452,
1.6997

■ 23.2429, -14.2452,
1.6997

■ 23.2433, -14.2456,
1.7001

■ 23.3743, -13.6641,
1.4397

■ 23.5152, -13.0462,
1.1874

■ 23.7014, -12.2530,
0.9878

■ 23.9389, -11.2662,
0.8494

■ 24.2301, -10.0830,
0.7765

■ 24.5767, -8.7053,
0.7718

■ 24.9797, -7.1391,
0.8364

■ 25.4393, -5.3937,
0.9705

■ 25.9550, -3.4809,
1.1728

Harmonies

Analogous

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



23.2433, -12.5165, 7.5196



23.2429, -14.2452, 1.6997



23.2433, -12.8836, -6.4098

Triad

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



23.2433, -14.2453, 1.7000



23.2433, 6.1653, -14.8457



23.2433, 7.0676, 10.3234

Complementary

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



23.2429, -14.2452, 1.6997



12.3295, 21.3089, 6.4473

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.



23.2433, 13.2680, 6.9780



23.2429, -14.2452, 1.6997



23.2433, 12.7013, -7.4261

Square

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



23.2433, -14.2453, 1.7000



23.2433, -1.7012, -17.6292



23.2433, 15.4512, 0.8219



23.2433, -0.7781, 11.3870

Rectangle

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



23.2429, -14.2452, 1.6997



23.2433, -10.2928, -11.8470



23.2433, 15.4512, 0.8219



23.2433, 9.4496, 9.4959

Sweetspot

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



23.2433, -14.2453, 1.7000



32.4617, -9.5338, 1.0752



22.5948, -18.5458, 13.5978



16.2442, -5.0022, 0.5286



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



23.2433, -14.2453, 1.7000



30.2500, -18.6258, 2.3979



16.3829, -2.9777, -14.0483



13.7388, -1.6991, 0.6357



31.9241, -19.6728, 2.5655



77.6491, -48.2943, 7.1990

Inverse Universe

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



12.3295, 21.3089, 6.4473



16.0256, 27.6457, 8.7935



14.9865, 12.8025, 9.4583



13.0637, 0.3122, 0.8435



16.9091, 29.1606, 9.3502



41.0536, 70.5821, 24.3837

Previews

White Background



This preview shows how the HunterLab color 23.2429, -14.2452, 1.6997 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

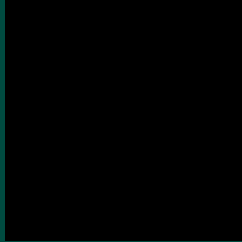
Any Text WCAG AA × Fail

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 23.2429, -14.2452, 1.6997 Background



This preview shows how black text looks on a background with the HunterLab color 23.2429, -14.2452, 1.6997.



This preview shows how white text looks on a background with the HunterLab color 23.2429,

-14.2452, 1.6997.

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

23.2429, -14.2452, 1.6997

Protanopia

23.4039, -1.3586, 3.9154

Deuteranopia

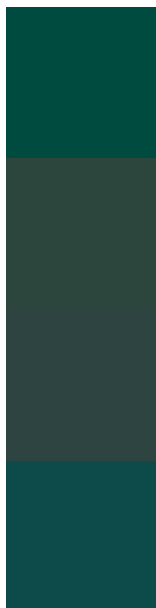
23.3192, 1.2096, 1.2855



Tritanopia

23.4287, -9.7393, -4.4535

Trichromacy



Original Color

23.2429, -14.2452, 1.6997

Protanomaly

22.6465, -8.0313, 2.2556

Deuteranomaly

22.5760, -6.7114, 0.6598

Tritanomaly

23.4041, -11.5878, -2.1936

Monochromacy



Original Color

23.2429, -14.2452, 1.6997

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

19.5559, -7.5212, 0.5753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2429, -14.2452, 1.6997 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, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 75, 64)  
}
```

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, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 75, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2429, -14.2452, 1.6997 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, 64) }
```


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

```
.border{ border-color:rgb(0, 75, 64) }
```

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, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 75, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 75, 64); box-shadow:4px  
4px 4px 4px rgb(0, 75, 64) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2429, -14.2452, 1.6997 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, 64) }
```

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

```
.background{ background-color: rgb(0, 75,  
64) }
```

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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