

Converting Colors

HunterLab(30.7268, -19.1287,
2.6487)

Have a look what the booklet for
HunterLab(30.7268, -19.1287,
2.6487) contains.

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Color

**HunterLab(30.5940,
-18.9467, 2.6606)**

Conversions

Conversions Part 1

Format	Color
Hex	006253
RGB	0, 98, 83
RGB Percent	0%, 38%, 33%
CMY	1.0000, 0.6157, 0.6745
CMYK	1.00, 0.00, 0.15, 0.62
HSL	171°, 100%, 19%
HSV	171°, 100%, 38%
XYZ	5.9290, 9.3599, 9.6778
YIQ	66.9880, -53.5930, -25.4410

Conversions

Conversions Part 2

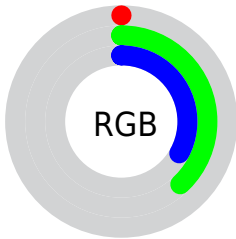
Format	Color
RYB	0, 53, 98
Decimal	25171
CIELab	36.67, -28.72, 1.55
CIELCh	37, 28.762, 176.906
Yxy	9.3603, 0.2375, 0.3749
Android (android.graphics.Color)	4278215251 (0xFF006253)
YUV	66.9880, 7.8939, -58.7485
Hunter-Lab	30.5940, -18.9467, 2.6606

Details

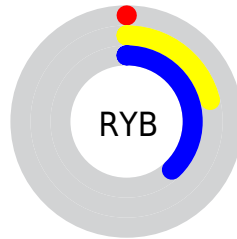
The HunterLab color **30.5940, -18.9467, 2.6606** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **16.2216, 27.9906, 8.8329**, and the grayscale version is **23.6750, -1.2632, 1.2863**.

A 20% lighter version of the original color is **49.4600, -23.6214, 3.8951**, and **15.5600, -10.1320, 2.4234** is the 20% darker color. If you saturate the color by 10%, you get **30.5945, -18.9472, 2.6612**, and if you desaturate by 10%, it is **30.7359, -18.3006, 2.2401**.

Distribution



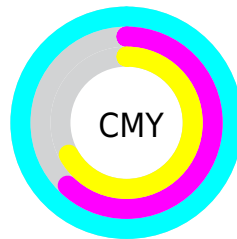
- Red (0%)
- Green (38%)
- Blue (33%)



- Red (0%)
- Yellow (21%)
- Blue (38%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (62%)



- Cyan (100%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5940, -18.9467, 2.6606 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 30.5940, -18.9467, 2.6606 by changing the saturation by 10% instead.

■ 30.5940, -18.9467,
2.6606

■ 30.5940, -18.9467,
2.6606

■ 136.3977,
-38.2173, 9.0809

■ 22.3090, -16.2981,
2.1068

■ 49.5834, -23.7313,
3.8739

■ 14.9457, -13.3640,
1.5894

■ 60.1626, -25.9582,
4.5299

■ 8.5924, -15.0239,
1.2165

■ 71.4026, -28.1107,
5.2171

0.0000, NaN, NaN

■ 83.2667, -30.2056,
5.9341

0.0000, NaN, NaN

■ 95.7236, -32.2553,
6.6800

0.0000, NaN, NaN

■ 108.7464,

0.0000, NaN, NaN

-34.2692, 7.4537

0.0000, NaN, NaN

122.3114,
-36.2547, 8.2543

30.5940, -18.9467,
2.6606

30.5940, -18.9467,
2.6606

30.5945, -18.9472,
2.6612

30.7359, -18.3006,
2.2401

30.9067, -17.5387,
1.8476

31.1436, -16.5186,
1.5302

31.4522, -15.2255,
1.2971

31.8365, -13.6533,
1.1551

■ 32.2992, -11.8038,
1.1087

■ 32.8418, -9.6849,
1.1604

■ 33.4648, -7.3099,
1.3105

■ 34.1678, -4.6959,
1.5577

Harmonies

Analogous

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



30.5946, -16.4701, 10.2425



30.5940, -18.9467, 2.6606



30.5946, -17.3142, -8.1030

Triad

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



30.5946, -18.9468, 2.6609



30.5946, 7.8154, -20.2423



30.5946, 9.9002, 13.5851

Complementary

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



30.5940, -18.9467, 2.6606



16.2216, 27.9906, 8.8329

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.



30.5946, 18.0213, 8.9990



30.5940, -18.9467, 2.6606



30.5946, 16.7105, -10.4560

Square

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



30.5946, -18.9468, 2.6609



30.5946, -2.6915, -23.6263



30.5946, 20.6631, 0.6351



30.5946, -0.5621, 15.1032

Rectangle

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



30.5940, -18.9467, 2.6606



30.5946, -13.9795, -15.4534



30.5946, 20.6631, 0.6351



30.5946, 13.0446, 12.4446

Sweetspot

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



30.5946, -18.9468, 2.6609



43.4060, -13.0877, 1.5246



29.7471, -24.5302, 17.9002



21.0588, -6.7815, 0.7290



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.5946, -18.9468, 2.6609



40.4853, -25.1720, 3.7360



21.6824, -4.0722, -18.3095



16.9961, -2.1767, 0.7897



35.2976, -21.9067, 3.1713



81.5205, -51.0197, 8.2434

Inverse Universe

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



16.2216, 27.9906, 8.8329



21.4460, 36.9545, 12.0939



19.1477, 18.4353, 12.1209



16.1118, 0.4702, 1.0413



18.7053, 32.2528, 10.3870



43.1329, 74.1716, 25.5055

Previews

White Background



This preview shows how the HunterLab color 30.5940, -18.9467, 2.6606 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 30.5940, -18.9467, 2.6606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

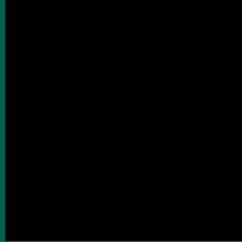
Any Text WCAG AA × Fail

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 30.5940, -18.9467, 2.6606 Background



This preview shows how black text looks on a background with the HunterLab color 30.5940, -18.9467, 2.6606.



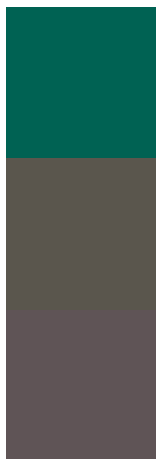
This preview shows how white text looks on a background with the HunterLab color 30.5940,

-18.9467, 2.6606.

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

30.5940, -18.9467, 2.6606

Protanopia

30.6024, -1.7361, 5.2236

Deuteranopia

30.7334, 1.7954, 1.9846



Tritanopia

30.6766, -12.8406, -6.1228

Trichromacy



Original Color

30.5940, -18.9467, 2.6606

Protanomaly

29.5748, -10.9871, 3.2021

Deuteranomaly

29.5995, -9.1299, 0.8641

Tritanomaly

30.5596, -15.2575, -2.9067

Monochromacy



Original Color

30.5940, -18.9467, 2.6606

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

25.3839, -9.8014, 0.7469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5940, -18.9467, 2.6606 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, 98, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 98, 83)  
}
```

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, 98, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 98, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5940, -18.9467, 2.6606 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, 98, 83) }
```


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

```
.border{ border-color:rgb(0, 98, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 98, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 98, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 98, 83); box-shadow:4px  
4px 4px 4px rgb(0, 98, 83) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.5940, -18.9467, 2.6606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 98, 83) }
```

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

```
.background{ background-color: rgb(0, 98,  
83) }
```

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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