

Converting Colors

HunterLab(32.5953, -26.9834,
17.5081)

Have a look what the booklet for
HunterLab(32.5953, -26.9834,
17.5081) contains.

HunterLab(32.5639, -26.9511, 17.4775)	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(32.5639,
-26.9511, 17.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	006B1D
RGB	0, 107, 29
RGB Percent	0%, 42%, 11%
CMY	1.0000, 0.5804, 0.8863
CMYK	1.00, 0.00, 0.73, 0.58
HSL	136°, 100%, 21%
HSV	136°, 100%, 42%
XYZ	5.4794, 10.6041, 2.9204
YIQ	66.1150, -38.7340, -46.9420

Conversions

Conversions Part 2

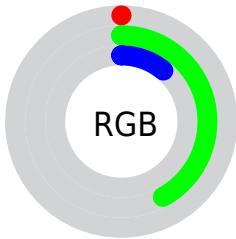
Format	Color
RYB	0, 84, 107
Decimal	27421
CIELab	38.91, -43.51, 34.80
CIELCh	39, 55.712, 141.348
Yxy	10.6045, 0.2883, 0.5580
Android (android.graphics.Color)	4278217501 (0xFF006B1D)
YUV	66.1150, -18.2977, -57.9829
Hunter-Lab	32.5639, -26.9511, 17.4775

Details

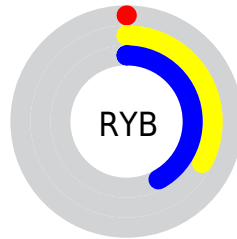
The HunterLab color **32.5639, -26.9511, 17.4775** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **19.1728, 35.7029, -9.8496**, and the grayscale version is **23.4536, -1.2514, 1.2743**.

A 20% lighter version of the original color is **52.0518, -33.9657, 23.4819**, and **17.3957, -14.9168, 10.4580** is the 20% darker color. If you saturate the color by 10%, you get **32.5646, -26.9515, 17.4776**, and if you desaturate by 10%, it is **32.7372, -26.0864, 16.5753**.

Distribution



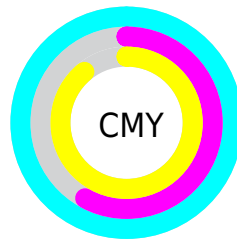
- Red (0%)
- Green (42%)
- Blue (11%)



- Red (0%)
- Yellow (33%)
- Blue (42%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (58%)



- Cyan (100%)
- Magenta (58%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.5639, -26.9511, 17.4775 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 32.5639, -26.9511, 17.4775 by changing the saturation by 10% instead.

■ 32.5639, -26.9511,
17.4775

■ 32.5639, -26.9511,
17.4775

139.6187,
-53.5901, 40.2587

■ 24.0865, -23.1130,
14.2654

■ 51.8907, -33.7811,
23.2615

■ 16.5070, -18.8286,
11.5549

■ 62.6213, -36.9099,
25.9272

■ 9.9489, -17.4106,
6.9642

■ 74.0040, -39.9036,
28.4847

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.0033, -42.7892,
30.9559

0.0000, NaN, NaN

■ 98.5890, -45.5870,
33.3573

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.7350,

-48.3121, 35.7019

0.0000, NaN, NaN

125.4183,
-50.9766, 37.9997

32.5639, -26.9511,
17.4775

32.5639, -26.9511,
17.4775

32.5646, -26.9515,
17.4776

32.7372, -26.0864,
16.5753

32.9637, -24.9701,
15.4814

33.2807, -23.4558,
14.2240

33.6949, -21.5295,
12.8140

34.2107, -19.1916,
11.2659

■ 34.8304, -16.4544,
9.5965

■ 35.5550, -13.3400,
7.8245

■ 36.3836, -9.8774,
5.9691

■ 37.3145, -6.1007,
4.0494

Harmonies

Analogous

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



32.5646, -14.7604, 20.8555



32.5639, -26.9511, 17.4775



32.5646, -32.0319, 6.8763

Triad

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



32.5646, -26.9515, 17.4776



32.5646, -7.4034, -60.4100



32.5646, 43.1507, 12.5960

Complementary

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



32.5639, -26.9511, 17.4775



19.1728, 35.7029, -9.8496

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.



32.5646, 46.5071, -4.3198



32.5639, -26.9511, 17.4775



32.5646, 13.7161, -55.2072

Square

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



32.5646, -26.9515, 17.4776



32.5646, -22.7015, -42.5760



32.5646, 34.6762, -30.9749



32.5646, 26.3891, 19.4775

Rectangle

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



32.5639, -26.9511, 17.4775



32.5646, -31.8438, -6.4090



32.5646, 34.6762, -30.9749



32.5646, 46.0235, 8.2627

Sweetspot

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



32.5646, -26.9515, 17.4776



47.4893, -18.2223, 10.6757



34.8645, -17.8104, 21.1715



23.2062, -9.6378, 5.6289



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



32.5646, -26.9515, 17.4776



43.5538, -36.1996, 23.7060



33.3549, -22.0759, 5.9648



18.5931, -2.8287, 1.9118



35.9107, -29.7678, 19.3749



80.9823, -67.6900, 44.9023

Inverse Universe

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



19.1728, 35.7029, -9.8496



25.6148, 47.6295, -12.6208



17.8773, 31.0072, 8.5147



17.7499, 0.9601, 0.0633



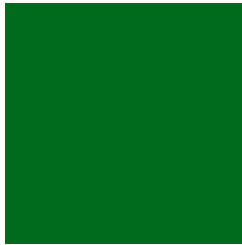
21.1345, 39.3350, -10.6955



47.5488, 88.2266, -21.9705

Previews

White Background



This preview shows how the HunterLab color 32.5639, -26.9511, 17.4775 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 × Fail

Black Background



This preview shows how the HunterLab color 32.5639, -26.9511, 17.4775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5639, -26.9511, 17.4775 Background



This preview shows how black text looks on a background with the HunterLab color 32.5639, -26.9511, 17.4775.



This preview shows how white text looks on a background with the HunterLab color 32.5639,

-26.9511, 17.4775.

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

32.5639, -26.9511, 17.4775

Protanopia

32.5700, -4.4058, 18.3181

Deuteranopia

32.4459, 1.9838, 16.8294



Tritanopia

32.7605, -12.0929, -5.7011

Trichromacy



Original Color

32.5639, -26.9511, 17.4775

Protanomaly

31.2765, -16.4509, 17.1319

Deuteranomaly

30.8826, -13.3590, 15.8904

Tritanomaly

32.4220, -19.6291, 6.1076

Monochromacy



Original Color

32.5639, -26.9511, 17.4775

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

25.7568, -13.6122, 7.8797

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.5639, -26.9511, 17.4775 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, 107, 29)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 29)  
}
```

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, 107, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 32.5639, -26.9511, 17.4775 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, 107, 29) }
```


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

```
.border{ border-color:rgb(0, 107, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 29);  
box-shadow:4px 4px 4px 4px rgb(0, 107, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 32.5639, -26.9511, 17.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 29) }
```

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

```
.background{ background-color: rgb(0, 107,  
29) }
```

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