

Converting Colors

HunterLab(24.8046, -18.7046,
9.3742)

Have a look what the booklet for
HunterLab(24.8046, -18.7046,
9.3742) contains.

HunterLab(24.9328, -18.7761, 9.3683)	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(24.9328,
-18.7761, 9.3683)**

Conversions

Conversions Part 1

Format	Color
Hex	00522C
RGB	0, 82, 44
RGB Percent	0%, 32%, 17%
CMY	1.0000, 0.6784, 0.8274
CMYK	1.00, 0.00, 0.46, 0.68
HSL	152°, 100%, 16%
HSV	152°, 100%, 32%
XYZ	3.4719, 6.2164, 3.3998
YIQ	53.1500, -36.6740, -29.2020

Conversions

Conversions Part 2

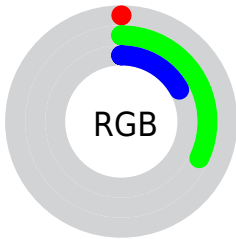
Format	Color
RYB	0, 53, 82
Decimal	21036
CIELab	29.95, -32.17, 16.25
CIELCh	30, 36.040, 153.201
Yxy	6.2167, 0.2653, 0.4750
Android (android.graphics.Color)	4278211116 (0xFF00522C)
YUV	53.1500, -4.5109, -46.6125
Hunter-Lab	24.9328, -18.7761, 9.3683

Details

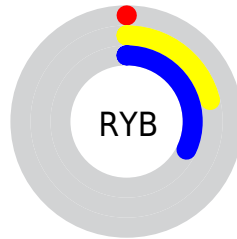
The HunterLab color **24.9328, -18.7761, 9.3683** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **13.9064, 24.8210, 1.1849**, and the grayscale version is **18.9432, -1.0108, 1.0292**.

A 20% lighter version of the original color is **42.7755, -24.1700, 12.5277**, and **11.5028, -9.8636, 6.9153** is the 20% darker color. If you saturate the color by 10%, you get **24.9333, -18.7765, 9.3686**, and if you desaturate by 10%, it is **25.0988, -17.9683, 8.5963**.

Distribution



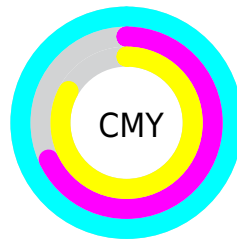
- Red (0%)
- Green (32%)
- Blue (17%)



- Red (0%)
- Yellow (21%)
- Blue (32%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (68%)



- Cyan (100%)
- Magenta (68%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9328, -18.7761, 9.3683 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 24.9328, -18.7761, 9.3683 by changing the saturation by 10% instead.

■ 24.9328, -18.7761,
9.3683

■ 24.9328, -18.7761,
9.3683

126.8805,
-40.3178, 22.7874

■ 17.2548, -15.6298,
7.6035

■ 42.8708, -24.2930,
12.5835

■ 10.5825, -14.1010,
7.0510

■ 52.9820, -26.8093,
14.1017

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.7826, -29.2183,
15.5856

0.0000, NaN, NaN

■ 75.2314, -31.5447,
17.0463

0.0000, NaN, NaN

■ 87.2933, -33.8062,
18.4917

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.9389, -36.0159,

■ 113.1421,
-38.1838, 21.3585

■ 24.9328, -18.7761,
9.3683

■ 24.9328, -18.7761,
9.3683

■ 24.9333, -18.7765,
9.3686

■ 25.0988, -17.9683,
8.5963

■ 25.2842, -17.0750,
7.7727

■ 25.5268, -15.9473,
6.9376

■ 25.8317, -14.5733,
6.1022

■ 26.2015, -12.9533,
5.2766

■ 26.6378, -11.0941,
4.4698

■ 27.1411, -9.0073,
3.6900

■ 27.7113, -6.7086,
2.9445

■ 28.3475, -4.2161,
2.2390

Harmonies

Analogous

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



24.9333, -12.7579, 13.6288



24.9328, -18.7761, 9.3683



24.9333, -20.4519, 0.0992

Triad

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



24.9333, -18.7763, 9.3685



24.9333, -0.0292, -32.0432



24.9333, 21.0808, 10.6379

Complementary

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



24.9328, -18.7761, 9.3683



13.9064, 24.8210, 1.1849

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.



24.9333, 26.1653, 2.5528



24.9328, -18.7761, 9.3683



24.9333, 12.6140, -24.9064

Square

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



24.9333, -18.7763, 9.3685



24.9333, -10.9119, -27.2876



24.9333, 22.8078, -10.7164



24.9333, 9.9566, 14.0803

Rectangle

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



24.9328, -18.7761, 9.3683



24.9333, -19.2037, -8.9398



24.9333, 22.8078, -10.7164



24.9333, 23.6392, 8.5526

Sweetspot

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



24.9333, -18.7763, 9.3685



35.7873, -12.2089, 4.9834



25.4008, -17.5601, 15.3444



17.6858, -6.3912, 2.5926



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



24.9333, -18.7763, 9.3685



32.9186, -24.9732, 12.7645



24.9799, -12.7136, -3.7776



14.5125, -1.9819, 1.0981



32.0908, -24.3307, 12.4122



76.9478, -59.1707, 31.5545

Inverse Universe

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



13.9064, 24.8210, 1.1849



18.3279, 32.6263, 2.2370



13.6135, 22.1928, 8.7769



13.8456, 0.5125, 0.4651



17.8696, 31.8173, 2.1277



42.7048, 75.6456, 8.1207

Previews

White Background



This preview shows how the HunterLab color 24.9328, -18.7761, 9.3683 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 24.9328, -18.7761, 9.3683 Background



This preview shows how black text looks on a background with the HunterLab color 24.9328, -18.7761, 9.3683.



This preview shows how white text looks on a background with the HunterLab color 24.9328,

-18.7761, 9.3683.

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

24.9328, -18.7761, 9.3683

Protanopia

25.0587, -2.6935, 10.6441

Deuteranopia

25.0415, 1.2738, 9.0853



Tritanopia

25.2590, -9.6488, -4.2923

Trichromacy



Original Color

24.9328, -18.7761, 9.3683

Protanomaly

24.2288, -11.2244, 9.5996

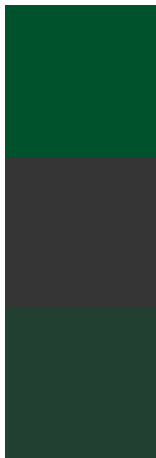
Deuteranomaly

23.9721, -9.2104, 8.2174

Tritanomaly

24.8402, -13.5866, 1.6300

Monochromacy



Original Color

24.9328, -18.7761, 9.3683

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

20.5844, -9.4111, 3.8275

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9328, -18.7761, 9.3683 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, 82, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 82, 44)  
}
```

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, 82, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 82, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9328, -18.7761, 9.3683 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, 82, 44) }
```


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

```
.border{ border-color:rgb(0, 82, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 82, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 82, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 82, 44); box-shadow:4px  
4px 4px 4px rgb(0, 82, 44) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.9328, -18.7761, 9.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 82, 44) }
```

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

```
.background{ background-color: rgb(0, 82,  
44) }
```

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