

Converting Colors

HunterLab(31.1132, -28.3445,
0.2349)

Have a look what the booklet for
HunterLab(31.1132, -28.3445,
0.2349) contains.

HunterLab(32.9262, -20.2305, 2.5169)	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(32.9262,
-20.2305, 2.5169)**

Conversions

Conversions Part 1

Format	Color
Hex	00695A
RGB	0, 105, 90
RGB Percent	0%, 41%, 35%
CMY	1.0000, 0.5882, 0.6471
CMYK	1.00, 0.00, 0.14, 0.59
HSL	171°, 100%, 21%
HSV	171°, 100%, 41%
XYZ	6.8970, 10.8413, 11.4020
YIQ	71.8950, -57.7650, -26.9250

Conversions

Conversions Part 2

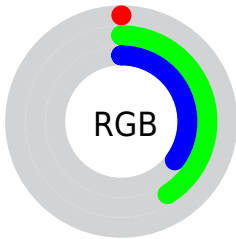
Format	Color
RYB	0, 57, 105
Decimal	26970
CIELab	39.31, -29.86, 1.10
CIELCh	39, 29.883, 177.897
Yxy	10.8418, 0.2367, 0.3720
Android (android.graphics.Color)	4278217050 (0xFF00695A)
YUV	71.8950, 8.9258, -63.0519
Hunter-Lab	32.9262, -20.2305, 2.5169

Details

The HunterLab color **32.9262, -20.2305, 2.5169** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **17.4300, 30.0450, 9.7279**, and the grayscale version is **25.4044, -1.3555, 1.3803**.

A 20% lighter version of the original color is **52.3308, -25.1904, 3.6946**, and **17.6514, -11.3042, 2.3398** is the 20% darker color. If you saturate the color by 10%, you get **32.9267, -20.2311, 2.5176**, and if you desaturate by 10%, it is **33.0686, -19.5811, 2.0844**.

Distribution



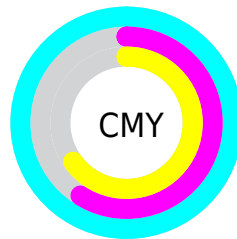
- Red (0%)
- Green (41%)
- Blue (35%)



- Red (0%)
- Yellow (22%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.9262, -20.2305, 2.5169 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 32.9262, -20.2305, 2.5169 by changing the saturation by 10% instead.

■ 32.9262, -20.2305,
2.5169

■ 32.9262, -20.2305,
2.5169

140.2065,
-39.9160, 8.8153

■ 24.4142, -17.5465,
1.9834

■ 52.3137, -25.1042,
3.6961

■ 16.7961, -14.5941,
1.4897

■ 63.0715, -27.3787,
4.3372

■ 10.1934, -13.4449,
1.0386

■ 74.4799, -29.5790,
5.0104

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.5036, -31.7214,
5.7145

0.0000, NaN, NaN

■ 99.1125, -33.8180,
6.4480

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.2808,

-35.8781, 7.2100

0.0000, NaN, NaN

125.9855,
-37.9089, 7.9994

32.9262, -20.2305,
2.5169

32.9262, -20.2305,
2.5169

32.9267, -20.2311,
2.5176

33.0686, -19.5811,
2.0844

33.2466, -18.7893,
1.6888

33.4962, -17.7174,
1.3762

33.8238, -16.3483,
1.1569

34.2339, -14.6747,
1.0381

■ 34.7296, -12.6978,
1.0247

■ 35.3126, -10.4258,
1.1192

■ 35.9835, -7.8731,
1.3217

■ 36.7418, -5.0583,
1.6306

Harmonies

Analogous

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



32.9268, -17.7300, 10.7415



32.9262, -20.2305, 2.5169



32.9268, -18.3427, -8.9946

Triad

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



32.9268, -20.2306, 2.5173



32.9268, 8.6571, -21.2099



32.9268, 10.1649, 14.6235

Complementary

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



32.9262, -20.2305, 2.5169



17.4300, 30.0450, 9.7279

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.



32.9268, 18.9384, 9.8378



32.9262, -20.2305, 2.5169



32.9268, 17.9911, -10.6937

Square

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



32.9268, -20.2306, 2.5173



32.9268, -2.5261, -25.0820



32.9268, 21.9719, 1.0505



32.9268, -0.9842, 16.1607

Rectangle

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



32.9262, -20.2305, 2.5169



32.9268, -14.6919, -16.7470



32.9268, 21.9719, 1.0505



32.9268, 13.5417, 13.4382

Sweetspot

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



32.9268, -20.2306, 2.5173



47.1799, -14.2309, 1.4808



31.9555, -26.5329, 19.2260



22.7155, -7.3496, 0.6926



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



32.9268, -20.2306, 2.5173



44.0450, -27.1616, 3.5818



22.7706, -3.5343, -20.8307



18.6677, -2.4132, 0.8454



37.0449, -22.7977, 2.9108



83.5633, -51.8136, 7.4038

Inverse Universe

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



17.4300, 30.0450, 9.7279



23.2961, 40.1071, 13.4112



20.7638, 19.3694, 13.1330



17.6725, 0.5436, 1.1655



19.6022, 33.7719, 11.0957



44.1562, 75.8934, 26.4050

Previews

White Background



This preview shows how the HunterLab color 32.9262, -20.2305, 2.5169 looks on a white background.

Color Contrast Check

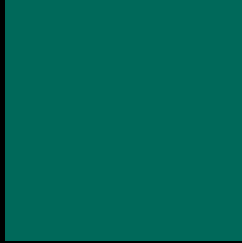
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9262, -20.2305, 2.5169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

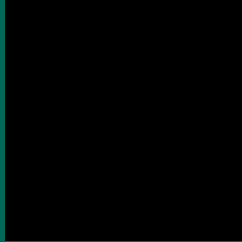
Any Text WCAG AA × Fail

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 32.9262, -20.2305, 2.5169 Background



This preview shows how black text looks on a background with the HunterLab color 32.9262, -20.2305, 2.5169.



This preview shows how white text looks on a background with the HunterLab color 32.9262,

-20.2305, 2.5169.

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

32.9262, -20.2305, 2.5169

Protanopia

32.8110, -1.8616, 5.3975

Deuteranopia

32.9687, 1.8547, 1.7238



Tritanopia

32.9996, -14.0837, -6.4168

Trichromacy



Original Color

32.9262, -20.2305, 2.5169

Protanomaly

31.9584, -11.9205, 3.1503

Deuteranomaly

31.6972, -9.6398, 0.4235

Tritanomaly

32.8761, -16.5521, -3.1733

Monochromacy



Original Color

32.9262, -20.2305, 2.5169

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

27.3606, -10.6400, 0.6437

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.9262, -20.2305, 2.5169 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, 105, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 90)  
}
```

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, 105, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 32.9262, -20.2305, 2.5169 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, 105, 90) }
```


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

```
.border{ border-color:rgb(0, 105, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 105, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 32.9262, -20.2305, 2.5169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 90) }
```

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

```
.background{ background-color: rgb(0, 105,  
90) }
```

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