

Converting Colors

HunterLab(28.6196, -19.6421,
9.1724)

Have a look what the booklet for
HunterLab(28.6196, -19.6421,
9.1724) contains.

HunterLab(28.7275, -19.8123, 9.3659)	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(28.7275,
-19.8123, 9.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	125D39
RGB	18, 93, 57
RGB Percent	7%, 36%, 22%
CMY	0.9294, 0.6353, 0.7765
CMYK	0.81, 0.00, 0.39, 0.64
HSL	151°, 68%, 22%
HSV	151°, 81%, 36%
XYZ	4.9023, 8.2527, 5.2054
YIQ	66.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

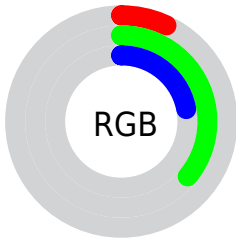
Format	Color
RYB	18, 67, 93
Decimal	1203513
CIELab	34.50, -31.57, 14.49
CIELCh	35, 34.735, 155.348
Yxy	8.2530, 0.2670, 0.4495
Android (android.graphics.Color)	4279393593 (0xFF125D39)
YUV	66.4710, -4.6692, -42.5091
Hunter-Lab	28.7275, -19.8123, 9.3659

Details

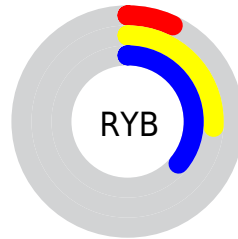
The HunterLab color **28.7275, -19.8123, 9.3659** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **17.3962, 24.9305, -0.7400**, and the grayscale version is **23.5307, -1.2555, 1.2785**.

A 20% lighter version of the original color is **47.3306, -25.1421, 12.3188**, and **14.0915, -11.2802, 6.7376** is the 20% darker color. If you saturate the color by 10%, you get **28.5271, -20.7925, 10.3295**, and if you desaturate by 10%, it is **28.9967, -18.5527, 8.3808**.

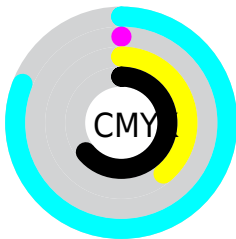
Distribution



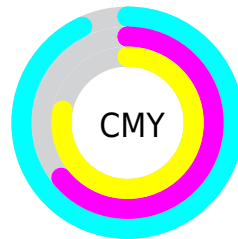
- Red (7%)
- Green (36%)
- Blue (22%)



- Red (7%)
- Yellow (26%)
- Blue (36%)



- Cyan (81%)
- Magenta (0%)
- Yellow (39%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7275, -19.8123, 9.3659 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 28.7275, -19.8123, 9.3659 by changing the saturation by 10% instead.

■ 28.7275, -19.8123,
9.3659

■ 28.7275, -19.8123,
9.3659

133.3054,
-40.6764, 21.7916

■ 20.6332, -16.8649,
7.8124

■ 47.3846, -25.0722,
12.2651

■ 13.4852, -13.5983,
6.2061

■ 57.8152, -27.4979,
13.6571

■ 7.0616, -12.3578,
4.9431

■ 68.9156, -29.8315,
15.0285

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6474, -32.0935,
16.3874

0.0000, NaN, NaN

■ 92.9784, -34.2989,
17.7394

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.8808,

-36.4590, 19.0888

0.0000, NaN, NaN

■ 119.3303,
-38.5826, 20.4387

■ 28.7275, -19.8123,
9.3659

■ 28.7275, -19.8123,
9.3659

■ 28.5271, -20.7925,
10.3295

■ 28.9967, -18.5527,
8.3808

■ 28.3644, -21.5990,
11.1731

■ 29.3385, -17.0002,
7.3865

■ 29.7569, -15.1546,
6.3955

■ 30.2539, -13.0228,
5.4191

■ 30.8304, -10.6185,
4.4678

■ 31.4862, -7.9602,
3.5508

■ 32.2202, -5.0698,
2.6758

■ 33.0309, -1.9712,
1.8490

■ 33.9159, 1.3111,
1.0751

Harmonies

Analogous

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



28.7281, -13.8247, 14.4152



28.7275, -19.8123, 9.3659



28.7281, -21.2689, -0.5828

Triad

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



28.7281, -19.8126, 9.3661



28.7281, 0.6728, -30.4721



28.7281, 20.0797, 11.6687

Complementary

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



28.7275, -19.8123, 9.3659



17.3962, 24.9305, -0.7400

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.



28.7281, 25.5809, 3.5565



28.7275, -19.8123, 9.3659



28.7281, 13.2481, -23.0677

Square

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



28.7281, -19.8126, 9.3661



28.7281, -10.6325, -26.8045



28.7281, 22.8940, -9.3191



28.7281, 8.8590, 15.3058

Rectangle

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



28.7275, -19.8123, 9.3659



28.7281, -19.7249, -9.6531



28.7281, 22.8940, -9.3191



28.7281, 22.7369, 9.5352

Sweetspot

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



28.7281, -19.8126, 9.3661



40.8251, -11.8710, 5.1285



29.4345, -17.8016, 16.6729



20.3382, -6.3653, 2.7138



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.7281, -19.8126, 9.3661



37.1359, -28.1199, 14.6355



29.2067, -14.2524, -3.2760



16.1356, -2.2527, 1.2569



33.7225, -25.7880, 13.5187



78.7993, -61.0557, 33.3095

Inverse Universe

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



17.3962, 24.9305, -0.7400



20.9292, 36.4121, 1.6581



16.8679, 21.9187, 8.7658



15.3757, 0.6229, 0.4807



18.8315, 33.5967, 1.7263



43.8651, 77.8814, 6.9418

Previews

White Background



This preview shows how the HunterLab color 28.7275, -19.8123, 9.3659 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

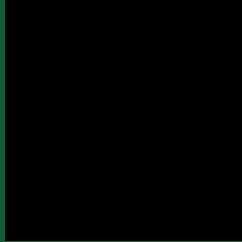
Any Text WCAG AA × Fail

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 28.7275, -19.8123, 9.3659 Background



This preview shows how black text looks on a background with the HunterLab color 28.7275, -19.8123, 9.3659.



This preview shows how white text looks on a background with the HunterLab color 28.7275,

-19.8123, 9.3659.

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

28.7275, -19.8123, 9.3659

Protanopia

28.6487, -2.8649, 10.8795

Deuteranopia

28.6681, 1.4231, 8.5594



Tritanopia

28.6658, -10.5370, -5.4094

Trichromacy



Original Color

28.7275, -19.8123, 9.3659

Protanomaly

27.9644, -10.8673, 9.6418

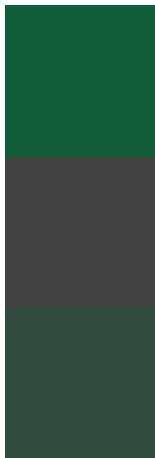
Deuteranomaly

27.7598, -8.5608, 7.8250

Tritanomaly

28.6314, -14.4778, 0.8585

Monochromacy



Original Color

28.7275, -19.8123, 9.3659

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.8611, -9.4148, 3.9394

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7275, -19.8123, 9.3659 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(18, 93, 57)` looks like.

```
.text, #text, p{  
    color:rgb(18, 93, 57)  
}
```

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(18, 93, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 93, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7275, -19.8123, 9.3659 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(18, 93, 57) }
```


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

```
.border{ border-color:rgb(18, 93, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 93, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 93, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 93, 57);  
box-shadow:4px 4px 4px 4px rgb(18, 93, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7275, -19.8123, 9.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 93, 57) }
```

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

```
.background{ background-color: rgb(18, 93,  
57) }
```

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