

Converting Colors

HunterLab(33.3427, -12.3268,
-12.6430)

Have a look what the booklet for
HunterLab(33.3427, -12.3268,
-12.6430) contains.

HunterLab(33.2515, -12.2775, -12.5562)	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(33.2515,
-12.2775, -12.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	14667A
RGB	20, 102, 122
RGB Percent	8%, 40%, 48%
CMY	0.9215, 0.6000, 0.5216
CMYK	0.84, 0.16, 0.00, 0.52
HSL	192°, 72%, 28%
HSV	192°, 84%, 48%
XYZ	8.5527, 11.0566, 20.0957
YIQ	79.7620, -55.2920, -11.1640

Conversions

Conversions Part 2

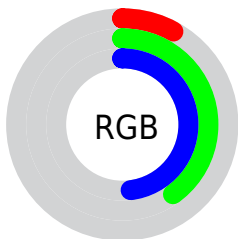
Format	Color
R _Y B	20, 65, 122
Decimal	1336954
CIE Lab	39.68, -15.92, -17.88
CIE LCh	40, 23.941, 228.308
Yxy	11.0570, 0.2154, 0.2785
Android (android.graphics.Color)	4279527034 (0xFF14667A)
YUV	79.7620, 20.8233, -52.4113
Hunter-Lab	33.2515, -12.2775, -12.5562

Details

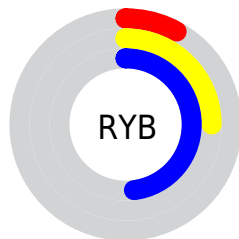
The HunterLab color **33.2515, -12.2775, -12.5562** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23.8880, 24.7867, 13.5098**, and the grayscale version is **28.1800, -1.5036, 1.5311**.

A 20% lighter version of the original color is **52.6529, -15.2295, -12.9143**, and **17.9260, -5.7916, -9.9036** is the 20% darker color. If you saturate the color by 10%, you get **32.3961, -11.8953, -13.9438**, and if you desaturate by 10%, it is **34.1990, -12.3243, -11.0640**.

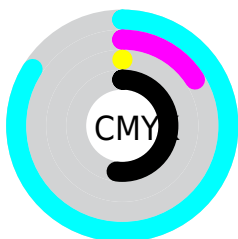
Distribution



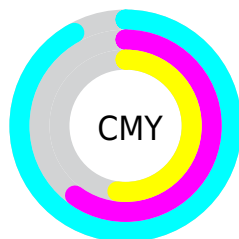
- Red (8%)
- Green (40%)
- Blue (48%)



- Red (8%)
- Yellow (25%)
- Blue (48%)



- Cyan (84%)
- Magenta (16%)
- Yellow (0%)
- Black (52%)



- Cyan (92%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2515, -12.2775, -12.5562 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 33.2515, -12.2775, -12.5562 by changing the saturation by 10% instead.

33.2515, -12.2775,
-12.5562

33.2515, -12.2775,
-12.5562

140.7332,
-25.2251, -13.1531

24.7087, -10.6909,
-12.1707

52.6930, -15.2782,
-13.1177

17.0562, -9.0018,
-11.7327

63.4752, -16.7290,
-13.2958

10.4139, -7.4352,
-11.3096

74.9066, -18.1611,
-13.4101

0.0000, NaN, -NF

0.0000, NaN, -NF

86.9520, -19.5812,
-13.4645

0.0000, NaN, NaN

99.5818, -20.9944,
-13.4628

0.0000, NaN, NaN

112.7699,

0.0000, NaN, NaN

-22.4043, -13.4083

0.0000, NaN, NaN

126.4938,
-23.8138, -13.3042

■ 33.2515, -12.2775,
-12.5562

■ 33.2515, -12.2775,
-12.5562

■ 32.3961, -11.8953,
-13.9438

■ 34.1990, -12.3243,
-11.0640

■ 31.8670, -11.5843,
-14.8239

■ 35.2429, -12.0155,
-9.4698

■ 36.3854, -11.3501,
-7.7815

■ 37.6261, -10.3375,
-6.0099

■ 38.9631, -8.9944,
-4.1670

■ 40.3932, -7.3418,
-2.2648

■ 41.9130, -5.4035,
-0.3144

■ 43.5181, -3.2044,
1.6738

■ 45.2043, -0.7689,
3.6913

Harmonies

Analogous

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



33.2521, -16.3352, -3.6407



33.2515, -12.2775, -12.5562



33.2521, -5.1289, -18.0719

Triad

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



33.2521, -12.2774, -12.5556



33.2521, 16.4254, -1.6122



33.2521, -6.9152, 13.7328

Complementary

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



33.2515, -12.2775, -12.5562



23.8880, 24.7867, 13.5098

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.



33.2521, 1.7152, 14.0095



33.2515, -12.2775, -12.5562



33.2521, 15.8194, 6.4702

Square

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



33.2521, -12.2774, -12.5556



33.2521, 11.7942, -10.7429



33.2521, 10.2156, 11.7085



33.2521, -13.4679, 10.8187

Rectangle

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



33.2515, -12.2775, -12.5562



33.2521, 0.6989, -18.3274



33.2521, 10.2156, 11.7085



33.2521, -4.1806, 14.1033

Sweetspot

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



33.2521, -12.2774, -12.5556



53.1869, -10.2087, -3.5152



37.6996, -29.9440, 19.7271



25.1755, -5.1842, -2.0209



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



33.2521, -12.2774, -12.5556



42.0431, -15.0610, -20.0380



20.0934, 9.6389, -41.7801



20.9411, -2.1804, 0.2857



32.6804, -11.8625, -15.2398



70.5294, -24.7591, -34.7077

Inverse Universe

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



23.6593, 39.1335, -16.2384



29.6886, 56.0124, -20.8910



33.8387, 2.9415, 19.7424



20.1611, 1.2167, -0.1274



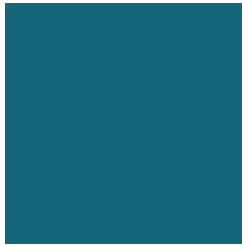
22.9892, 43.4098, -16.4631



50.0888, 94.3816, -34.3232

Previews

White Background



This preview shows how the HunterLab color 33.2515, -12.2775, -12.5562 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 33.2515, -12.2775, -12.5562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

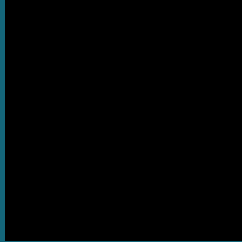
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

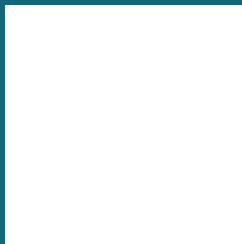
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.2515, -12.2775, -12.5562 Background



This preview shows how black text looks on a background with the HunterLab color 33.2515, -12.2775, -12.5562.



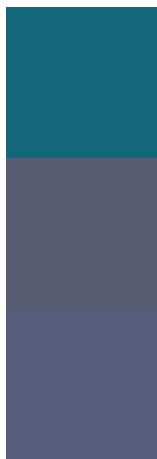
This preview shows how white text looks on a background with the HunterLab color 33.2515,

-12.2775, -12.5562.

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

33.2515, -12.2775, -12.5562

Protanopia

33.1162, 1.0478, -8.6147

Deuteranopia

33.2277, 2.0801, -13.5142



Tritanopia

33.2723, -15.9789, -7.0936

Trichromacy



Original Color

33.2515, -12.2775, -12.5562

Protanomaly

32.7575, -5.5435, -10.9341

Deuteranomaly

32.8449, -4.8579, -13.6726

Tritanomaly

33.1762, -14.5299, -9.3400

Monochromacy



Original Color

33.2515, -12.2775, -12.5562

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

29.5046, -7.4675, -3.7061

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2515, -12.2775, -12.5562 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(20, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(20, 102, 122)  
}
```

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(20, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 102, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2515, -12.2775, -12.5562 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(20, 102, 122) }
```


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

```
.border{ border-color:rgb(20, 102, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 102, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(20, 102,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2515, -12.2775, -12.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 102, 122) }
```

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

```
.background{ background-color: rgb(20, 102,  
122) }
```

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