

Converting Colors

HunterLab(33.2382, -14.8395,
2.2837)

Have a look what the booklet for
HunterLab(33.2382, -14.8395,
2.2837) contains.

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Color

**HunterLab(33.1350,
-14.6291, 2.0440)**

Conversions

Conversions Part 1

Format	Color
Hex	33665C
RGB	51, 102, 92
RGB Percent	20%, 40%, 36%
CMY	0.8000, 0.6000, 0.6392
CMYK	0.50, 0.00, 0.10, 0.60
HSL	168°, 33%, 30%
HSV	168°, 50%, 40%
XYZ	8.0484, 10.9793, 11.8202
YIQ	85.6110, -27.1860, -13.9220

Conversions

Conversions Part 2

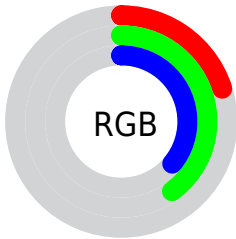
Format	Color
R_{YB}	51, 79, 102
Decimal	3368540
CIE _{Lab}	39.55, -19.86, 0.36
CIE _{LCh}	40, 19.860, 178.959
Yxy	10.9797, 0.2609, 0.3559
Android (android.graphics.Color)	4281558620 (0xFF33665C)
YUV	85.6110, 3.1498, -30.3538
Hunter-Lab	33.1350, -14.6291, 2.0440

Details

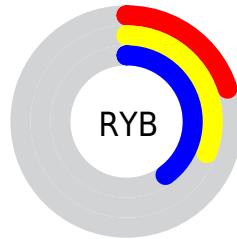
The HunterLab color **33.1350, -14.6291, 2.0440** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23.5153, 15.8251, 3.6345**, and the grayscale version is **30.3599, -1.6199, 1.6495**.

A 20% lighter version of the original color is **52.4425, -18.1159, 3.0650**, and **17.1162, -10.5628, 1.4084** is the 20% darker color. If you saturate the color by 10%, you get **32.7241, -16.3373, 2.3528**, and if you desaturate by 10%, it is **33.6301, -12.6279, 1.8315**.

Distribution



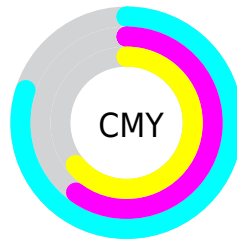
- Red (20%)
- Green (40%)
- Blue (36%)



- Red (20%)
- Yellow (31%)
- Blue (40%)



- Cyan (50%)
- Magenta (0%)
- Yellow (10%)
- Black (60%)



- Cyan (80%)
- Magenta (60%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1350, -14.6291, 2.0440 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 33.1350, -14.6291, 2.0440 by changing the saturation by 10% instead.

■ 33.1350, -14.6291,
2.0440

■ 33.1350, -14.6291,
2.0440

■ 140.5448,
-29.4397, 8.0409

■ 24.6033, -12.7423,
1.5571

■ 52.5573, -18.1452,
3.1419

■ 16.9631, -10.7081,
1.1155

■ 63.3308, -19.8232,
3.7464

■ 10.3349, -9.1093,
0.7251

■ 74.7539, -21.4676,
4.3853

0.0000, NaN, NaN

■ 86.7916, -23.0877,
5.0568

0.0000, NaN, NaN

■ 99.4139, -24.6903,
5.7593

0.0000, NaN, NaN

■ 112.5949,

0.0000, NaN, NaN

-26.2806, 6.4916

0.0000, NaN, NaN

126.3120,
-27.8627, 7.2524

■ 33.1350, -14.6291,
2.0440

■ 33.1350, -14.6291,
2.0440

■ 32.7241, -16.3373,
2.3528

■ 33.6301, -12.6279,
1.8315

■ 32.3927, -17.7491,
2.7507

■ 34.2090, -10.3419,
1.7180

■ 32.1372, -18.8706,
3.2297

■ 34.8727, -7.7863,
1.7053

■ 31.9516, -19.7172,
3.7793

■ 35.6208, -4.9800,
1.7935

■ 31.7999, -20.4293,
4.3541

■ 36.4519, -1.9447,
1.9805

■ 31.7999, -20.4294,
4.3541

■ 37.3641, 1.2963,
2.2631

■ 38.3548, 4.7194,
2.6371

■ 39.4211, 8.3015,
3.0972

■ 40.5600, 12.0206,
3.6379

Harmonies

Analogous

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



33.1357, -12.9247, 7.9583



33.1350, -14.6291, 2.0440



33.1357, -13.1436, -5.3087

Triad

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



33.1357, -14.6294, 2.0444



33.1357, 5.2797, -12.0812



33.1357, 5.7570, 11.3002

Complementary

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



33.1350, -14.6291, 2.0440



23.5153, 15.8251, 3.6345

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.



33.1357, 11.3808, 7.6220



33.1350, -14.6291, 2.0440



33.1357, 11.0889, -5.8186

Square

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



33.1357, -14.6294, 2.0444



33.1357, -2.0235, -14.4520



33.1357, 13.4100, 1.5611



33.1357, -1.5154, 12.5415

Rectangle

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



33.1350, -14.6291, 2.0440



33.1357, -10.4643, -9.8859



33.1357, 13.4100, 1.5611



33.1357, 7.9253, 10.3532

Sweetspot

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



33.1357, -14.6294, 2.0444



46.6200, -8.6528, 2.2952



32.7730, -17.6687, 14.2188



22.5737, -4.4654, 1.1076



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.1357, -14.6294, 2.0444



43.2528, -21.9850, 3.1983



29.0369, -6.8745, -7.8962



17.8226, -2.3278, 0.9029



36.0299, -23.1964, 5.0401



82.2081, -53.4331, 12.5937

Inverse Universe

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



23.5153, 15.8251, 3.6345



28.1587, 26.4604, 6.0821



26.4495, 7.9948, 9.4168



16.8950, 0.5384, 1.0194



19.2036, 33.1987, 9.9916



43.7388, 75.3827, 24.5530

Previews

White Background



This preview shows how the HunterLab color 33.1350, -14.6291, 2.0440 looks on a white background.

Color Contrast Check

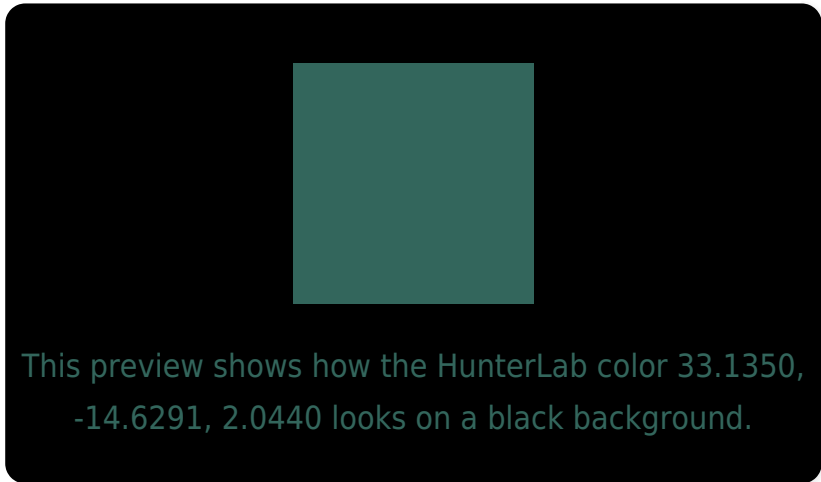
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

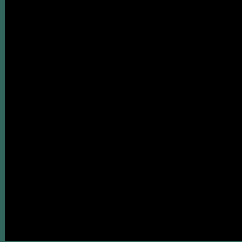
Any Text WCAG AA × Fail

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 33.1350, -14.6291, 2.0440 Background



This preview shows how black text looks on a background with the HunterLab color 33.1350, -14.6291, 2.0440.



This preview shows how white text looks on a background with the HunterLab color 33.1350,

-14.6291, 2.0440.

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

33.1350, -14.6291, 2.0440

Protanopia

32.9078, -1.3320, 4.0087

Deuteranopia

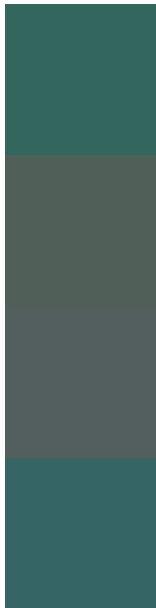
33.0231, 2.1466, 0.9483



Tritanopia

33.2232, -10.3509, -5.0279

Trichromacy



Original Color

33.1350, -14.6291, 2.0440

Protanomaly

32.8519, -6.9905, 3.0636

Deuteranomaly

32.6383, -4.6669, 0.7929

Tritanomaly

33.2430, -12.1405, -2.1481

Monochromacy



Original Color

33.1350, -14.6291, 2.0440

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.2655, -7.1217, 1.6330

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1350, -14.6291, 2.0440 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(51, 102, 92)` looks like.

```
.text, #text, p{  
    color:rgb(51, 102, 92)  
}
```

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(51, 102, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 102, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1350, -14.6291, 2.0440 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(51, 102, 92) }
```


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

```
.border{ border-color:rgb(51, 102, 92) }
```

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

Here you see how a box with a 4 pixel rgb(51, 102, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 102, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 102, 92);  
box-shadow:4px 4px 4px 4px rgb(51, 102,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1350, -14.6291, 2.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 102, 92) }
```

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

```
.background{ background-color: rgb(51, 102,  
92) }
```

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](#).

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