

Converting Colors

HunterLab(34.4252, -12.8059,
-14.9436)

Have a look what the booklet for
HunterLab(34.4252, -12.8059,
-14.9436) contains.

HunterLab(34.5237, -13.0221, -14.6225)	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(34.5237,
-13.0221, -14.6225)**

Conversions

Conversions Part 1

Format	Color
Hex	046A81
RGB	4, 106, 129
RGB Percent	2%, 42%, 51%
CMY	0.9842, 0.5843, 0.4941
CMYK	0.97, 0.18, 0.00, 0.49
HSL	191°, 94%, 26%
HSV	191°, 97%, 51%
XYZ	9.1666, 11.9189, 22.5863
YIQ	78.1240, -68.1750, -14.4710

Conversions

Conversions Part 2

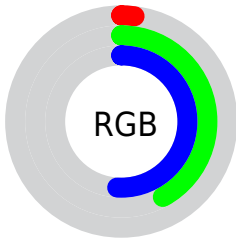
Format	Color
RYB	4, 60, 129
Decimal	289409
CIELab	41.09, -16.77, -19.97
CIELCh	41, 26.075, 229.973
Yxy	11.9193, 0.2099, 0.2729
Android (android.graphics.Color)	4278479489 (0xFF046A81)
YUV	78.1240, 25.0819, -65.0067
Hunter-Lab	34.5237, -13.0221, -14.6225

Details

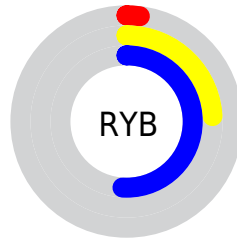
The HunterLab color **34.5237, -13.0221, -14.6225** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23.3679, 31.4268, 14.6567**, and the grayscale version is **27.5786, -1.4715, 1.4984**.

A 20% lighter version of the original color is **54.0341, -15.9082, -15.5437**, and **19.2539, -5.7711, -11.6076** is the 20% darker color. If you saturate the color by 10%, you get **34.2661, -12.8700, -15.0471**, and if you desaturate by 10%, it is **35.3664, -13.4668, -13.2615**.

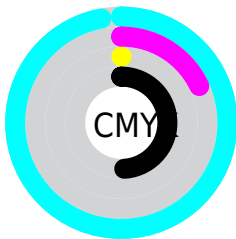
Distribution



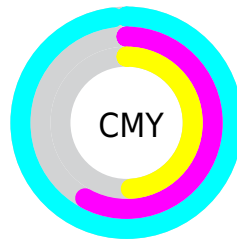
- Red (2%)
- Green (42%)
- Blue (51%)



- Red (2%)
- Yellow (24%)
- Blue (51%)



- Cyan (97%)
- Magenta (18%)
- Yellow (0%)
- Black (49%)



- Cyan (98%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.5237, -13.0221, -14.6225 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 34.5237, -13.0221, -14.6225 by changing the saturation by 10% instead.

■ 34.5237, -13.0221,
-14.6225

■ 34.5237, -13.0221,
-14.6225

■ 142.7831,
-26.3449, -15.7588

■ 25.8626, -11.3837,
-14.1887

■ 54.1738, -16.1190,
-15.2990

■ 18.0782, -9.6409,
-13.7174

■ 65.0500, -17.6146,
-15.5382

■ 11.2841, -7.7679,
-13.2925

■ 76.5699, -19.0895,
-15.7142

■ 3.4698, -6.0722,
-25.6550

■ 88.6995, -20.5508,
-15.8302

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.4096,
-22.0035, -15.8896

0.0000, NaN, NaN

■ 114.6747,

0.0000, NaN, NaN

-23.4515, -15.8956

0.0000, NaN, NaN

128.4724,
-24.8978, -15.8511

■ 34.5237, -13.0221,
-14.6225

■ 34.5237, -13.0221,
-14.6225

■ 34.2661, -12.8700,
-15.0471

■ 35.3664, -13.4668,
-13.2615

■ 36.2939, -13.5963,
-11.8025

■ 37.3232, -13.3494,
-10.2283

■ 38.4575, -12.7188,
-8.5451

■ 39.6976, -11.7098,
-6.7630

■ 41.0422, -10.3369,
-4.8942

■ 42.4887, -8.6208,
-2.9515

■ 44.0335, -6.5860,
-0.9471

■ 45.6726, -4.2587,
1.1073

Harmonies

Analogous

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



34.5243, -17.6593, -4.7352



34.5237, -13.0221, -14.6225



34.5243, -5.0265, -20.5090

Triad

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



34.5243, -13.0219, -14.6219



34.5243, 18.4718, -1.3491



34.5243, -7.9769, 14.7259

Complementary

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



34.5237, -13.0221, -14.6225



23.3679, 31.4268, 14.6567

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.



34.5243, 1.4581, 15.1672



34.5237, -13.0221, -14.6225



34.5243, 17.4571, 7.3987

Square

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



34.5243, -13.0219, -14.6219



34.5243, 13.6027, -11.5639



34.5243, 10.9663, 12.8775



34.5243, -14.9767, 11.4405

Rectangle

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



34.5237, -13.0221, -14.6225



34.5243, 1.4404, -20.5136



34.5243, 10.9663, 12.8775



34.5243, -5.0100, 15.1688

Sweetspot

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



34.5243, -13.0219, -14.6219



56.3039, -12.2222, -4.6848



39.7560, -33.2156, 22.3759



26.4561, -6.2095, -2.6726



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



34.5243, -13.0219, -14.6219



45.6329, -16.9249, -20.5011



18.3909, 15.3597, -55.3559



21.8096, -2.3082, 0.3135



33.8432, -12.7189, -14.8446

0.0000, NaN, NaN

Inverse Universe

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



24.0728, 44.6173, -17.9702



31.8958, 60.3147, -23.5146



34.4837, 5.3054, 21.1432



20.9744, 1.2960, -0.1717



23.5600, 44.5927, -17.6855

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 34.5237, -13.0221, -14.6225 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 34.5237, -13.0221, -14.6225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

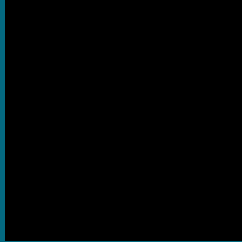
Any Text WCAG AA × Fail

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 34.5237, -13.0221, -14.6225 Background



This preview shows how black text looks on a background with the HunterLab color 34.5237, -13.0221, -14.6225.



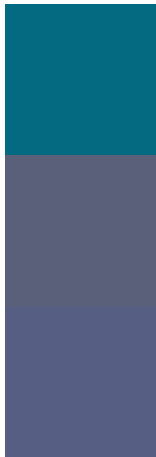
This preview shows how white text looks on a background with the HunterLab color 34.5237, -13.0221, -14.6225.

-13.0221, -14.6225.

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

34.5237, -13.0221, -14.6225

Protanopia

34.5252, 0.8497, -9.7753

Deuteranopia

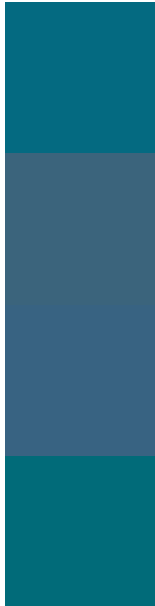
34.3534, 2.3722, -15.8496



Tritanopia

34.6209, -16.6849, -7.2553

Trichromacy



Original Color

34.5237, -13.0221, -14.6225

Protanomaly

33.9107, -6.7114, -12.5620

Deuteranomaly

33.7285, -5.4568, -16.4366

Tritanomaly

34.4997, -15.2504, -10.0958

Monochromacy



Original Color

34.5237, -13.0221, -14.6225

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.2341, -8.3413, -5.0686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.5237, -13.0221, -14.6225 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(4, 106, 129)` looks like.

```
.text, #text, p{  
    color:rgb(4, 106, 129)  
}
```

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(4, 106, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 106, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 34.5237, -13.0221, -14.6225 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(4, 106, 129) }
```


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

```
.border{ border-color:rgb(4, 106, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 106, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 106, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 106, 129);  
box-shadow:4px 4px 4px 4px rgb(4, 106,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.5237, -13.0221, -14.6225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 106, 129) }
```

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

```
.background{ background-color: rgb(4, 106,  
129) }
```

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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