

Converting Colors

HunterLab(36.7063, -3.4592,
-12.8967)

Have a look what the booklet for
HunterLab(36.7063, -3.4592,
-12.8967) contains.

HunterLab(36.6488, -3.5415, -12.7951)	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(36.6488, -3.5415,
-12.7951)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6984
RGB	79, 105, 132
RGB Percent	31%, 41%, 52%
CMY	0.6902, 0.5882, 0.4824
CMYK	0.40, 0.20, 0.00, 0.48
HSL	211°, 25%, 41%
HSV	211°, 40%, 52%
XYZ	12.4409, 13.4313, 23.7666
YIQ	100.3040, -24.1630, 2.8850

Conversions

Conversions Part 2

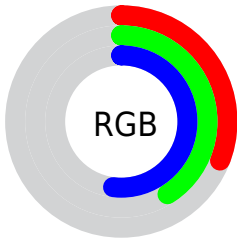
Format	Color
R_{YB}	79, 96, 132
Decimal	5204356
CIE _{Lab}	43.41, -2.19, -17.99
CIE _{LCh}	43, 18.128, 263.050
Yxy	13.4319, 0.2506, 0.2706
Android (android.graphics.Color)	4283394436 (0xFF4F6984)
YUV	100.3040, 15.6261, -18.6836
Hunter-Lab	36.6488, -3.5415, -12.7951

Details

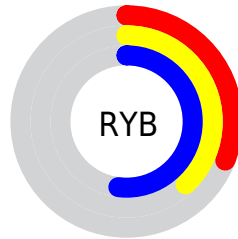
The HunterLab color **36.6488, -3.5415, -12.7951** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **39.7220, 2.7515, 13.4829**, and the grayscale version is **35.7630, -1.9082, 1.9431**.

A 20% lighter version of the original color is **56.5911, -4.8772, -13.3021**, and **19.7771, -2.3752, -11.7863** is the 20% darker color. If you saturate the color by 10%, you get **34.0657, -3.0661, -17.0567**, and if you desaturate by 10%, it is **39.3443, -3.6905, -8.7176**.

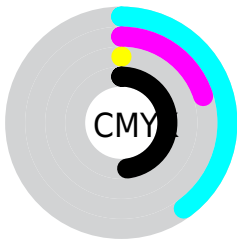
Distribution



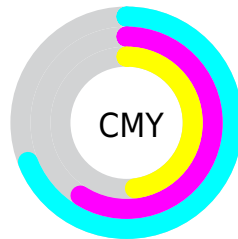
- Red (31%)
- Green (41%)
- Blue (52%)



- Red (31%)
- Yellow (38%)
- Blue (52%)



- Cyan (40%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6488, -3.5415, -12.7951 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 36.6488, -3.5415, -12.7951 by changing the saturation by 10% instead.

■ 36.6488, -3.5415,
-12.7951

■ 36.6488, -3.5415,
-12.7951

■ 146.1736,
-10.3328, -13.2331

■ 27.7968, -2.9269,
-12.4307

■ 56.6370, -4.8606,
-13.3123

■ 19.8003, -2.3423,
-12.0061

■ 67.6658, -5.5633,
-13.4703

■ 12.7640, -1.7866,
-11.5611

■ 79.3300, -6.2936,
-13.5658

■ 6.1414, -1.8844,
-13.6018

■ 91.5967, -7.0507,
-13.6028

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.4376, -7.8339,
-13.5849

0.0000, NaN, NaN

117.8281, -8.6425,

0.0000, NaN, NaN

-13.5155

0.0000, NaN, NaN

131.7466, -9.4756,
-13.3973

■ 36.6488, -3.5415,
-12.7951

■ 36.6488, -3.5415,
-12.7951

■ 34.0657, -3.0661,
-17.0567

■ 39.3443, -3.6905,
-8.7176

■ 31.6057, -2.2168,
-21.5150

■ 42.1390, -3.5546,
-4.8114

■ 29.2835, -0.9458,
-26.1712

■ 45.0238, -3.1716,
-1.0591

■ 27.1143, 0.7912,
-31.0135

■ 47.9905, -2.5735,
2.5566

■ 25.1127, 3.0248,
-36.0124

■ 51.0318, -1.7880,
6.0517

■ 23.2780, 5.5889,
-41.1603

■ 54.1415, -0.8383,
9.4412

■ 57.3143, 0.2560,
12.7388

■ 60.5454, 1.4780,
15.9564

■ 63.8309, 2.8137,
19.1045

Harmonies

Analogous

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



36.6495, -9.5628, -9.5315



36.6488, -3.5415, -12.7951



36.6495, 3.3578, -11.5493

Triad

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



36.6495, -3.5418, -12.7944



36.6495, 11.0029, 6.5806



36.6495, -11.9254, 8.7715

Complementary

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



36.6488, -3.5415, -12.7951



39.7220, 2.7515, 13.4829

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.



36.6495, -6.9861, 11.7741



36.6488, -3.5415, -12.7951



36.6495, 6.3234, 10.6813

Square

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



36.6495, -3.5418, -12.7944



36.6495, 12.0942, 0.4421



36.6495, -0.3458, 12.4025



36.6495, -14.1668, 3.4827

Rectangle

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



36.6488, -3.5415, -12.7951



36.6495, 7.5001, -8.4237



36.6495, -0.3458, 12.4025



36.6495, -10.5437, 10.0389

Sweetspot

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



36.6495, -3.5418, -12.7944



58.9357, -4.3421, -2.4444



43.8124, -19.4228, 8.3877



28.2396, -2.1249, -1.4326



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



36.6495, -3.5418, -12.7944



45.5746, -4.1601, -22.0155



29.8674, 8.6059, -24.7801



22.1218, -1.5228, -0.3341



22.9287, 5.4538, -40.4321



1.8095, -0.4492, -1.2921

Inverse Universe

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



33.9379, 18.7761, -2.1080



41.6491, 31.2097, -3.3917



46.8752, -9.0000, 19.3699



21.7347, 1.0624, 0.6141



22.6223, 40.3675, 2.0122



1.3855, 2.5706, -0.6385

Previews

White Background



This preview shows how the HunterLab color 36.6488, -3.5415, -12.7951 looks on a white background.

Color Contrast Check

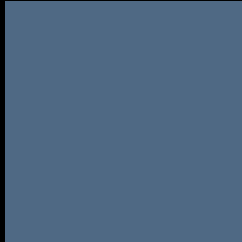
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.6488, -3.5415, -12.7951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

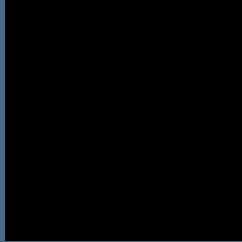
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

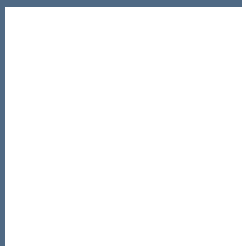
Any Text WCAG AAA × Fail

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

HunterLab 36.6488, -3.5415, -12.7951 Background



This preview shows how black text looks on a background with the HunterLab color 36.6488, -3.5415, -12.7951.



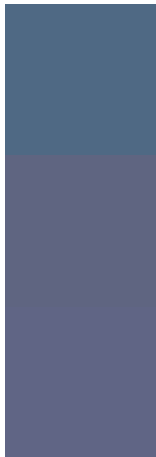
This preview shows how white text looks on a background with the HunterLab color 36.6488, -3.5415, -12.7951.

-12.7951.

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

36.6488, -3.5415, -12.7951

Protanopia

36.5037, 1.3275, -11.2165

Deuteranopia

36.7255, 2.3721, -13.1527



Tritanopia

36.7178, -8.7553, -4.2085

Trichromacy



Original Color

36.6488, -3.5415, -12.7951

Protanomaly

36.3845, -0.3839, -12.0012

Deuteranomaly

36.5648, 0.4577, -13.4426

Tritanomaly

36.6838, -7.0173, -7.2773

Monochromacy



Original Color

36.6488, -3.5415, -12.7951

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.9832, -2.9982, -3.1380

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6488, -3.5415, -12.7951 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(79, 105, 132)` looks like.

```
.text, #text, p{  
    color:rgb(79, 105, 132)  
}
```

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(79, 105, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 105, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6488, -3.5415, -12.7951 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(79, 105, 132) }
```


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

```
.border{ border-color:rgb(79, 105, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 105, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 105, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 105, 132);  
box-shadow:4px 4px 4px 4px rgb(79, 105,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6488, -3.5415, -12.7951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 105, 132) }
```

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

```
.background{ background-color: rgb(79, 105,  
132) }
```

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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