

Converting Colors

HunterLab(36.6317, -4.2584,
-25.7041)

Have a look what the booklet for
HunterLab(36.6317, -4.2584,
-25.7041) contains.

HunterLab(36.7236, -4.5269, -25.4102)	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(36.7236, -4.5269,
-25.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	336B98
RGB	51, 107, 152
RGB Percent	20%, 42%, 60%
CMY	0.8000, 0.5804, 0.4039
CMYK	0.66, 0.30, 0.00, 0.40
HSL	207°, 50%, 40%
HSV	207°, 66%, 60%
XYZ	12.2905, 13.4862, 31.6612
YIQ	95.3860, -47.8210, 2.1230

Conversions

Conversions Part 2

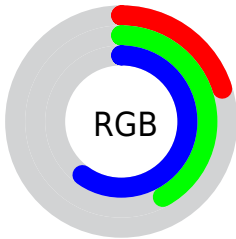
Format	Color
R_{YB}	51, 87, 152
Decimal	3369880
CIE _{Lab}	43.49, -3.57, -29.94
CIE _{LCh}	43, 30.148, 263.203
Yxy	13.4867, 0.2140, 0.2348
Android (android.graphics.Color)	4281559960 (0xFF336B98)
YUV	95.3860, 27.9107, -38.9265
Hunter-Lab	36.7236, -4.5269, -25.4102

Details

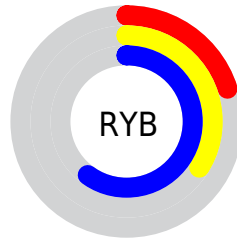
The HunterLab color $36.7236, -4.5269, -25.4102$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $39.0911, 12.5503, 19.5562$, and the grayscale version is $33.8852, -1.8080, 1.8410$.

A 20% lighter version of the original color is $56.6982, -5.8017, -26.8943$, and $20.4238, -1.0898, -23.1754$ is the 20% darker color. If you saturate the color by 10%, you get $34.3467, -3.1084, -30.1695$, and if you desaturate by 10%, it is $39.2634, -5.4273, -20.7590$.

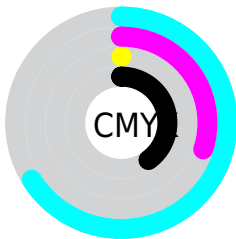
Distribution



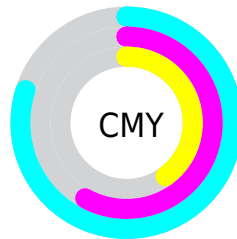
- Red (20%)
- Green (42%)
- Blue (60%)



- Red (20%)
- Yellow (34%)
- Blue (60%)



- Cyan (66%)
- Magenta (30%)
- Yellow (0%)
- Black (40%)



- Cyan (80%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7236, -4.5269, -25.4102 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 36.7236, -4.5269, -25.4102 by changing the saturation by 10% instead.

■ 36.7236, -4.5269,
-25.4102

■ 36.7236, -4.5269,
-25.4102

■ 146.2921,
-11.9143, -28.9158

■ 27.8649, -3.8214,
-24.8380

■ 56.7234, -6.0053,
-26.5328

■ 19.8611, -3.1360,
-24.3597

■ 67.7575, -6.7800,
-27.0333

■ 12.8166, -2.4650,
-24.2137

■ 79.4267, -7.5783,
-27.4813

■ 6.2137, -2.8343,
-28.9592

■ 91.6981, -8.4000,
-27.8747

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.5436, -9.2449,
-28.2135

0.0000, NaN, NaN

■ 117.9384,

0.0000, NaN, NaN

-10.1125, -28.4989

0.0000, NaN, NaN

131.8610,
-11.0024, -28.7324

■ 36.7236, -4.5269,
-25.4102

■ 36.7236, -4.5269,
-25.4102

■ 34.3467, -3.1084,
-30.1695

■ 39.2634, -5.4273,
-20.7590

■ 32.1423, -1.1419,
-35.0103

■ 41.9513, -5.8543,
-16.2361

■ 30.1119, 1.3542,
-39.9126

■ 44.7751, -5.8561,
-11.8483

■ 29.4118, 2.2965,
-41.7196

■ 47.7227, -5.4807,
-7.5958

■ 50.7831, -4.7728,
-3.4736

■ 53.9463, -3.7726,
0.5268

■ 57.2036, -2.5154,
4.4150

■ 60.5473, -1.0321,
8.2016

■ 63.9704, 0.6510,
11.8970

Harmonies

Analogous

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



36.7242, -14.2203, -18.9918



36.7236, -4.5269, -25.4102



36.7242, 7.1046, -22.8756

Triad

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



36.7242, -4.5267, -25.4094



36.7242, 20.5000, 9.3188



36.7242, -17.9552, 12.4463

Complementary

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



36.7236, -4.5269, -25.4102



39.0911, 12.5503, 19.5562

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.



36.7242, -10.2253, 16.4906



36.7236, -4.5269, -25.4102



36.7242, 12.1516, 15.1088

Square

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



36.7242, -4.5267, -25.4094



36.7242, 22.5085, -0.5626



36.7242, 0.6761, 17.2888



36.7242, -21.3357, 4.3884

Rectangle

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



36.7236, -4.5269, -25.4102



36.7242, 14.3274, -16.7391



36.7242, 0.6761, 17.2888



36.7242, -15.8283, 14.2064

Sweetspot

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



36.7242, -4.5267, -25.4094



65.8475, -6.7612, -6.7555



48.9722, -32.3067, 16.5696



30.8917, -3.3383, -3.8961



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



36.7242, -4.5267, -25.4094



44.1050, -2.8865, -43.3594



24.4352, 19.5722, -56.6799



25.6235, -1.9698, -0.2783



27.0474, 1.8960, -37.8998



4.2647, -1.2781, -2.5714

Inverse Universe

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



31.7887, 38.6326, -5.6803



38.4282, 59.9303, -5.9150



52.1989, -10.2586, 28.4270



25.0542, 1.3599, 0.5078



24.7867, 44.6533, -1.0782



3.1491, 5.8849, -1.7784

Previews

White Background



This preview shows how the HunterLab color 36.7236, -4.5269, -25.4102 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 36.7236, -4.5269, -25.4102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

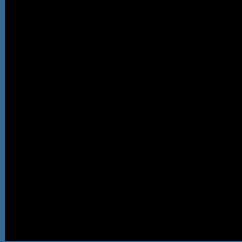
Any Text WCAG AA × Fail

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 36.7236, -4.5269, -25.4102 Background



This preview shows how black text looks on a background with the HunterLab color 36.7236, -4.5269, -25.4102.

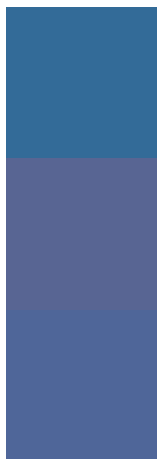


This preview shows how white text looks on a background with the HunterLab color 36.7236, -4.5269, -25.4102.

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

36.7236, -4.5269, -25.4102

Protanopia

36.7269, 3.5016, -21.8698

Deuteranopia

36.6946, 2.5524, -26.0388



Tritanopia

36.7950, -15.6601, -7.2702

Trichromacy



Original Color

36.7236, -4.5269, -25.4102

Protanomaly

36.5599, 0.3541, -23.5774

Deuteranomaly

36.6957, -0.2305, -26.0853

Tritanomaly

36.7606, -11.9224, -13.3470

Monochromacy



Original Color

36.7236, -4.5269, -25.4102

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

34.4193, -4.0240, -7.3236

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7236, -4.5269, -25.4102 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, 107, 152)` looks like.

```
.text, #text, p{  
    color:rgb(51, 107, 152)  
}
```

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, 107, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 107, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7236, -4.5269, -25.4102 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, 107, 152) }
```


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

```
.border{ border-color:rgb(51, 107, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 107, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 107, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 107, 152);  
box-shadow:4px 4px 4px 4px rgb(51, 107,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7236, -4.5269, -25.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 107, 152) }
```

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

```
.background{ background-color: rgb(51, 107,  
152) }
```

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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