

Converting Colors

HunterLab(36.2634, -25.6175,
20.6324)

Have a look what the booklet for
HunterLab(36.2634, -25.6175,
20.6324) contains.

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Color

**HunterLab(36.4040,
-25.6797, 20.7462)**

Conversions

Conversions Part 1

Format	Color
Hex	337416
RGB	51, 116, 22
RGB Percent	20%, 45%, 9%
CMY	0.8000, 0.5451, 0.9137
CMYK	0.56, 0.00, 0.81, 0.55
HSL	101°, 68%, 27%
HSV	101°, 81%, 45%
XYZ	7.7554, 13.2525, 2.9083
YIQ	85.8490, -8.5660, -43.0140

Conversions

Conversions Part 2

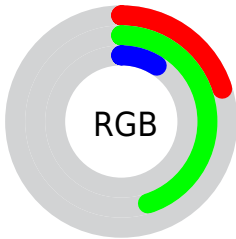
Format	Color
R_{YB}	22, 116, 87
Decimal	3372054
CIE _{Lab}	43.14, -38.05, 42.18
CIE _{LCh}	43, 56.811, 132.054
Yxy	13.2531, 0.3243, 0.5541
Android (android.graphics.Color)	4281562134 (0xFF337416)
YUV	85.8490, -31.4776, -30.5626
Hunter-Lab	36.4040, -25.6797, 20.7462

Details

The HunterLab color $[36.4040, -25.6797, 20.7462]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[19.6507, 32.5628, -37.1767]$, and the grayscale version is $[30.5648, -1.6309, 1.6606]$.

A 20% lighter version of the original color is $[56.4449, -31.6847, 27.6053]$, and $[20.0357, -17.1806, 12.0452]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.0933, -27.0708, 21.2758]$, and if you desaturate by 10%, it is $[36.7900, -23.9488, 19.8596]$.

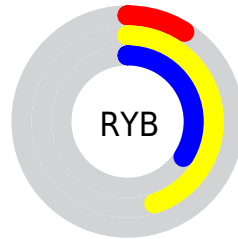
Distribution



Red (20%)

Green (45%)

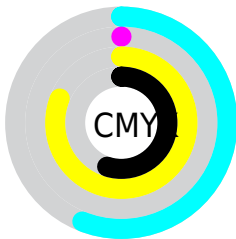
Blue (9%)



Red (9%)

Yellow (45%)

Blue (34%)

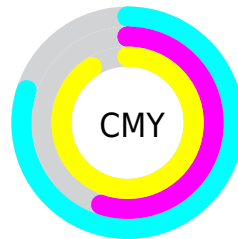


Cyan (56%)

Magenta (0%)

Yellow (81%)

Black (55%)



Cyan (80%)

Magenta (55%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.4040, -25.6797, 20.7462 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 36.4040, -25.6797, 20.7462 by changing the saturation by 10% instead.

■ 36.4040, -25.6797,
20.7462

■ 36.4040, -25.6797,
20.7462

145.7852,
-49.1609, 47.0697

■ 27.5736, -22.4272,
17.0478

■ 56.3540, -31.5695,
27.4518

■ 19.6011, -18.8550,
13.7207

■ 67.3655, -34.3034,
30.5461

■ 12.5920, -15.6016,
8.8144

■ 79.0133, -36.9374,
33.5115

■ 5.8979, -10.3213,
4.1285

■ 91.2644, -39.4913,
36.3714

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.0905,
-41.9802, 39.1441


0.0000, NaN, NaN


■ 117.4667,


0.0000, NaN, NaN


-44.4157, 41.8440


0.0000, NaN, NaN


 131.3714,
-46.8068, 44.4827


 36.4040, -25.6797,
20.7462


 36.4040, -25.6797,
20.7462


 36.0933, -27.0708,
21.2758


 36.7900, -23.9488,
19.8596

 35.8644, -28.0937,
21.6076

 37.2521, -21.8698,
18.5876

 37.7932, -19.4456,
16.9150

 38.4143, -16.6856,
14.8376

 39.1156, -13.6050,
12.3595

■ 39.8963, -10.2232,
9.4921

■ 40.7554, -6.5626,
6.2521

■ 41.6909, -2.6474,
2.6604

■ 42.7009, 1.4973,
-1.2597

Harmonies

Analogous

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



36.4048, -10.1726, 23.2674



36.4040, -25.6797, 20.7462



36.4048, -33.4884, 12.1261

Triad

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



36.4048, -25.6803, 20.7464



36.4048, -13.8140, -58.6947



36.4048, 47.8786, 9.2673

Complementary

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



36.4040, -25.6797, 20.7462



19.6507, 32.5628, -37.1767

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.



36.4048, 46.2569, -12.3183



36.4040, -25.6797, 20.7462



36.4048, 7.0864, -61.1649

Square

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



36.4048, -25.6803, 20.7464



36.4048, -27.8115, -35.3705



36.4048, 30.0492, -40.9146



36.4048, 34.0696, 19.6955

Rectangle

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



36.4040, -25.6797, 20.7462



36.4048, -34.7027, 0.5455



36.4048, 30.0492, -40.9146



36.4048, 49.1949, 3.3615

Sweetspot

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



36.4048, -25.6803, 20.7464



52.5124, -15.2012, 14.0020



32.3488, 2.4005, 18.5837



25.5039, -8.0517, 7.3706



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.4048, -25.6803, 20.7464



47.5739, -37.1211, 28.5034



35.7911, -27.9889, 18.3504



20.3665, -2.8879, 2.7693



37.9802, -29.8108, 22.8813



83.6006, -66.8258, 50.3444

Inverse Universe

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



19.6507, 32.5628, -37.1767



23.1171, 48.0875, -59.4059



22.7674, 36.4484, -15.9228



19.2457, 0.8405, -0.7269



18.2474, 39.0040, -48.3221



39.6972, 85.3533, -109.0027

Previews

White Background



This preview shows how the HunterLab color 36.4040, -25.6797, 20.7462 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 36.4040, -25.6797, 20.7462 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 36.4040, -25.6797, 20.7462 Background



This preview shows how black text looks on a background with the HunterLab color 36.4040, -25.6797, 20.7462.



This preview shows how white text looks on a background with the HunterLab color 36.4040, -25.6797, 20.7462.

-25.6797, 20.7462.

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

36.4040, -25.6797, 20.7462

Protanopia

36.2268, -5.2550, 21.2942

Deuteranopia

36.0306, 2.3209, 19.9939



Tritanopia

36.3846, -9.9173, -5.1780

Trichromacy



Original Color

36.4040, -25.6797, 20.7462

Protanomaly

35.7583, -14.2079, 20.7638

Deuteranomaly

35.2661, -10.0607, 19.7077

Tritanomaly

36.0586, -17.5895, 8.7856

Monochromacy



Original Color

36.4040, -25.6797, 20.7462

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.1321, -12.2366, 10.9082

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.4040, -25.6797, 20.7462 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, 116, 22)` looks like.

```
.text, #text, p{  
    color:rgb(51, 116, 22)  
}
```

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, 116, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 116, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 36.4040, -25.6797, 20.7462 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, 116, 22) }
```


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

```
.border{ border-color:rgb(51, 116, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 116, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 116, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 116, 22);  
box-shadow:4px 4px 4px 4px rgb(51, 116,  
22) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.4040, -25.6797, 20.7462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 116, 22) }
```

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

```
.background{ background-color: rgb(51, 116,  
22) }
```

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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